FACULTY OF INFORMATICS

Department	Job position	Part of FTE	Study field	Science field	Required competencies and experience
Department of Multimedia Engineering	Associate Professor	1.0	Informatics B01, Informatics Engineering B04	Informatics Engineering T007, Informatics N009	**Doctor of Science** in the science field of Informatics or Informatics Engineering. **Pedagogical experience:** teaching C# object-oriented programming in Lithuanian and English languages; creating data mining and machine learning algorithms for mobile applications. **Experience of giving lectures in the following languages:** Lithuanian and English languages. **Experience of research activities:** publishing research results in scientific journals, participation in scientific conferences. **Knowledge of specific technologies:** knowledge in the topic of human-computer interface methods. **Additional required experience and competencies:** ability to give lectures and seminars, conduct research and prepare methodological material; mandatory experience in participation in project activities.
Department of Applied Informatics	Lecturer	1.0	Informatics B01	Informatics N009	**Doctor of Science** in the science field of Informatics. **Pedagogical experience:** creation and analysis of algorithms, distributed systems and algorithms, informatics 1, professional internship, bachelor's final degree project. **Experience of giving lectures in the following languages:** Lithuanian and English languages. **Experience of supervision of the students' theses:** first study cycle. **Experience of research activities:** publishing research results in scientific journals, participation in scientific conferences, conducted project activities. **Knowledge of specific technologies:** knowledge of the tools related to software development processes, Matlab, C#, Java, Python, knowledge of cloud information technologies. **Work experience with specific equipment:** Matlab; Python. **Additional required experience and competencies:** ability to give lectures and seminars, conduct research and prepare methodological material.
Department of Information Systems	Associate Professor	1.0	Information Systems B02	Informatics Engineering T007, Informatics N009	**Doctor of Science** in the science field of Informatics or Informatics Engineering. **Pedagogical experience:** design of software for information systems, CASE technologies, modelling of operational processes, specification of requirements. **Experience of giving lectures in the following languages:** Lithuanian language and at least 2 years of experience in giving lectures in the English language. **Experience of research activities:** conducted project activities, orders by third parties, involvement in scientific networks, preparation of scientific publications. **Experience of supervision of the students' theses:** first and second study cycles. **Knowledge of specific technologies:** object-oriented programming, deep knowledge of UML, BPMN, CASE technologies. **Additional required experience and competencies:** ability to give seminars, prepare methodological material, conduct research and prepare high-level scientific publications.

Department	Position	FTE	Study field	Study programme	Requirements
Department of Software Engineering	Lecturer	1.0	Software Systems B03	Informatics Engineering T007	**Pedagogical experience:** giving lectures and laboratory works related to parallel programming, data structures and object-oriented programming. Mandatory. **Experience of giving lectures in the following languages:** Lithuanian language. **Experience of research activities:** participation in research projects and involvement in scientific networks would be an advantage. **Experience of supervision of the students' theses**: supervision of theses related to software system engineering is a mandatory experience. **Knowledge of specific technologies:** experience in using UML; object-oriented programming, parallel programming (mandatory). **Additional required experience and competencies:** ability to give lectures and seminars, conduct research and prepare scientific publications.
Department of Software Engineering	Lecturer	1.0	Software Systems B03	Informatics Engineering T007	**Doctor of Science** in the science field of Informatics Engineering or Informatics would be an advantage. **Pedagogical experience:** giving lectures, seminars, practice classes related to software engineering. Mandatory. **Experience of giving lectures in the following languages:** in Lithuanian and English languages. **Experience of research activities:** participation in research projects and involvement in scientific networks would be an advantage. **Experience of supervision of the students' theses:** supervision of theses related to software system engineering would be an advantage. **Knowledge of specific technologies:** ability to use UML tools would be an advantage. Knowledge of and experience in parallel programming is mandatory (for the work with the study module of Parallel Programming). **Additional required experience and competencies:** ability to give lectures and seminars, conduct research and prepare scientific publications.
Department of Software Engineering	Associate Professor	1.0	Software Systems B03	Informatics Engineering T007, Informatics N009	**Doctor of Science** in the science field of Informatics Engineering or Informatics. **Pedagogical experience:** giving lectures and/or laboratory works related to object-oriented programming, data structures and parallel programming. **Experience of giving lectures in the following languages:** Lithuanian and English languages. **Experience of research activities:** publishing research results in high-level scientific journals; **Experience of supervision of the students' theses**: supervision of theses related to software system engineering is mandatory. **Knowledge of specific technologies: knowledge of web programming languages**, experience in using UML, knowledge of data structures, software development tools, software engineering processes. **Additional required experience and competencies:** ability to conduct research and prepare scientific publications.
Department of Software Engineering	Associate Professor	1.0	Software Systems B03	Informatics Engineering T007, Informatics N009	**Doctor of Science** In the science field of Informatics Engineering or Informatics. **Pedagogical experience:** giving lectures and/or laboratory works related to object-oriented programming or data structures. **Experience of giving lectures in the following languages:** Lithuanian and English languages. **Experience of research activities:** publishing research results in high-level scientific journals. **Experience of supervision of the students' theses**: supervision of theses related to software system engineering is mandatory. **Knowledge of specific technologies:** knowledge of web programming languages, experience in using UML, knowledge of data structures, software development tools, software engineering processes. **Additional required experience and competencies:** ability to conduct research and prepare scientific publications.

Department of Software Engineering	Professor	0.5	Software Systems B03	Informatics Engineering T007, Informatics N009	**Doctor of Science** in the field of Technologies. **Pedagogical experience:** giving lectures and/or laboratory works related to the development and programming of hardware (robots, multi-modal interfaces). **Experience of giving lectures in the following languages:** English language. **Experience of research activities:** publishing research results in high-level scientific journals, participation in international research and study projects (mandatory). **Experience of supervision of the students' theses**: supervision of theses related to software system engineering is mandatory. **Knowledge of specific technologies:** knowledge of multi-modal interfaces, experience in programming hardware, knowledge about UML. **Additional required experience and competencies:** ability to conduct research and prepare scientific publications.
Centre of Information Systems Design Technology	Researcher	0.5	Information Systems B02	Informatics Engineering T007	**Doctor of Science** in the science field of Informatics Engineering or Informatics. **Experience of research activities:** machine learning systems, design, development and engineering of systems based on artificial intelligence and big data analytics, model-based systems engineering, financial risk assessment using artificial intelligence methods. **Knowledge of specific technologies:** machine learning systems and artificial intelligence, system engineering based on them, modern data mining and analytics methods natural language processing, semantic web technologies, advanced business information systems, performance analytics. **Work experience with specific equipment**: design, development and installation of applied software. **Additional required experience and competencies:** ability to conduct systematic and applied research, preparation of scientific publications in Lithuanian and English languages, experience in preparing applications for external funding for tenders, experience in project implementation, experience in initiating and implementing orders by third parties, analytical thinking, good skills in programming and the skills of practical use of relevant technologies, diligence, precision.