

Subject code	Credits
INF6006	6

Course title in Lithuanian

TIRIAMASIS DARBAS NR.3

Course title in English

RESEARCH PROJECT NO.3

Short course annotation in Lithuanian (up to 500 characters)

Tiriamuoju darbu nr. 2 studentas pratęsia Tiriamojo darbo Nr.1 metu pradėtus tyrimus. Semestro pabaigoje studentas pristato tiriamojo darbo rezultatus, pateikdamas ataskaitą, kurioje turi būti tokios pagrindinės sudėtinės dalys: Papildyti įvado ir metodų analizės skyriai (lyginant su Tiriamuoju darbu Nr.2, jei buvo pakoreguotas darbo planas. Turi būti pabrėžta, kas naujo šiuose skyriuose lyginant su antruoju tiriamuoju darbu; Naujų teorinių ir eksperimentinių tyrimų aprašymas, nurodant, kuri tyrimo dalis yra originali, o kurioje dalyje panaudojami jau egzistuojantys metodai. Turi būti aiškiai parodoma, kuo nauji tyrimai skiriasi nuo antrajame tiriamajame darbe atliktų tyrimų, pagrindžiamas tyrimų plėtojimas trečiajame tiriamajame darbe. Nauji rezultatai turi būti aptarti, analizuojant metodų, modelių pritaikomumą praktiniams uždaviniams spręsti bei jų efektyvumą.

Short course annotation in English (up to 500 characters)

Research project No.3 is prepared in the third semester of studies, resuming research work, started in the Research Projects No.1 and No.2 and preparing research material for the Master Thesis. At the end of semester, the research results are presented in the form of a report, covering the following main topics: extended introduction and method analysis, description of new theoretical and experimental research disclosing the originality of research and discussing the results obtained

Prerequisites for entering the course

Compulsory subjects of „Applied informatics“ MSc programme

Course aim

The aim of the 3rd research project is to investigate the efficiency of the preliminary solutions to the research problem, to identify the limits of these solutions and/or to suggest alternatives / modifications / improvements to these solutions.

Content

No	Content (topics)
1.	<p>Research project No. 3 continues the research that was going in the Research project No. 2. At the end of the semester the student presents the results of his/her research work by submitting a report with the following composite parts.</p> <ul style="list-style-type: none"> Revised versions (in comparison to the Research project No.2) of introductory and method analysis sections, if the work plan was adjusted. It must be specified, what new things are included in these sections compared with the second research project. Description of new theoretical and experimental research, showing which part of research is original, and which part uses already existing methods. It must be specified clearly, how the new research differs from the research in the second research project. New results must be discussed, analysing the applicability of methods and models for solving practical tasks, and, also their efficiency.

Distribution of workload for students (contact and independent work hours)

Consultations	10 hours
Individual students work	148 hours
Project presentation	2 hours
Total:	160 hours

Structure of cumulative score and value of its constituent parts

Contents of the project report - 70%, public defence of the project report- 30 %.

Recommended reference materials

No.	Publication year	Authors of publication and title	Publishing house	Number of copies in		
				University library	Self-study rooms	Other libraries
<i>Basic materials</i>						
1.	2001	W.D. Shoaff, How to Write a Master's Thesis in Computer Science	Florida Institute of Technology	unlimited, online resource http://cs.fit.edu/~wds/guides/howto/		
2.	1990	G. Gopen, J .Swan, The Science of Scientific Writing, American Scientist	The Scientific Research Society	unlimited, online resource http://www.americanscientist.org/issues/pub/the-science-of-scientific-writing		

3.	Present	K. Sainani. Writing in the Sciences. Coursera on-line course	Stanford, Coursera	unlimited, online resource https://www.coursera.org/course/sciwrite
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Supplementary materials

1.	Depend on the topic of the research.
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Course programme designed by

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