		COURSEC	DF DOCTORAL STUL	ILS .
Course title	Field of scien	· · · · · ·	University / Faculty	Institute / Department
Neotectonics	Natural S (Geole N 0	ogy)	Vilnius University / Faculty of Chemistry and Geosciences	Institute of Geosciences /
Study methods	Number of cr allocated	redits	Study methods	Number of credits allocated
Lectures			Seminars	
Individual work	9		Consultations	
contemporary te traditional paleot Modern tector horizontal move neotectonics is re were formed (ice requires a specifi natural environm special attention. During the do neotectonics inve	ctonic processes ectonic method nic processes ca ments of the presented in the and their meltic c research meth ent - the threat of octoral studies, estigation meth vorld and in the	es. Research s. in be directly Earth's crust geological se ing waters). I odology. Neo of earthquakes it is necessa ods (geologi Baltic region	methodology and pra- recorded by modern tea t, tectonic stresses, ea ection the Quaternary de it is very different from otectonic processes are n s, coastal flooding or dra ary to get a knowlagers ical, morphometric, ins n, by practical request of	that deals with recent and ctical adaptation differ from chnical tools, e.g. vertical and rthquakes. In Lithuania, the posits, the conditions of which others in Earth histori, which naking influence in the human inage, therefore they are given s of the research methods of trumental, etc.), neotectonics Eneotectonics knowledge (e.g.
Required readingsCox, R.T., Tuttle, M.P., Boyd, O.S., and Locat, J., eds 2013. Recent Advances in NorthAmerican Paleoseismology and Neotectonics East of the Rockies: Geological Society of AmericaSpecial Paper 493. Geological Society of America, 275 p.Šliaupa A., 2001. Lietuvos ir gretimų teritorijų neotektonika. Geologijos institutas. 102 p. (rusų k.)Zakarevičius A. 1994. Dabartinių vertikalių žemės plutos judesių Lietuvos teritorijoje tyrimas. 276 p.Steffen, H., Olesen, O., & Sutinen, R. (Eds.). (2021). Glacially-Triggered Faulting. Cambridge University Press.				
Consulting lecturers Name, surname	Degree The	e most impor	tant works in the field of published during the l	f science (branch) have been ast 5 years

COURSE OF DOCTORAL STUDIES

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		Šliaupa S., Šliaupienė R., Žaludienė G., Vaskaboinikava T., Bibikava		
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		2406.		
		Šliaupa, S., Lozovskis, S., Lazauskienė, J., Šliaupienė, R. 2020.		
		Petrophysical and mechanical properties of the lower Silurian		
		perspective oil/gas shales of Lithuania. Journal of Natural Gas Science		
		and Engineering, 79: art. no. 103336.		

Approved by the doctoral committee of Geology (N 005) on 1st of December 2022 (No. (7.17 E) 15600-KT-467).

Committee Chairman prof. dr. Sigitas Radzevičius