CHARLES UNIVERSITY
FACULTY OF SOCIAL SCIENCES

individual study plan
of doctoral student

Plan ID 15424

Student

Name	**Ilgar Ismayilov, M.A.**
E-mail	**96719575@fsv.cuni.cz**
Faculty	**Faculty of Social Sciences**
Study programme	**Economics and Finance (P0311D050002)**
Standard length of the study (number of years)	**4**
Form of study	**full-time**
Date of commencement of doctoral study	**26.09.2018**

Study programme guarantor

Name	**prof. Ing. Evžen Kočenda, M.A., Ph.D., DSc.**

Chair of Subject Area Board

Name

Supervisor

Name	**PhDr. Michal Hlaváček, Ph.D.**
E-mail	**hlavacem@seznam.cz**
Department / Institute	**Institute of Economic Studies (23-IES)**

Doctoral dissertation

Title of thesis
Effective Government Policy under Financial Intermediary with Imperfect Information

Progress on the doctoral dissertation
Synopsis: The work will consist of three essays that will investigate the decision making process of financial intermediary in costly information environment, size of fiscal multiplier in multi-regime model and the effect of the different methodological approaches on the value of fiscal multiplier. Credit constraint is the main mechanism of financial friction that amplifies and spreads to other sectors the effects of shocks hitting economy over the business cycles. Dynamic interaction between credit limits and asset prices is the main force that spreads the effect of shocks. Meanwhile, the responsive nature of investments perfectly fits to the decision making process under information friction. The objective of this essay is to develop a novel model that applies information asymmetry problem to investment decisions. The analysis, experiments and calculations implemented in the thesis is to find answer to the main research question which is how government policy shocks affect investment decision of financial intermediary in costly information framework. Secondly, the current work will also investigate fiscal policy under the regime-switching model for emerging economies. The existing economic literature mainly has employed linear models and found a small fiscal multiplier in emerging economies that suspects the effectiveness of fiscal policy in this group of countries. However, some recent studies (Auerbach and Gorodnichenko (2012), Afonso et al. (2011) and others) confirm regime dependency of fiscal policy. Therefore, the implementation of panel threshold vector autoregression (PTVAR) model, in addition to provision of more accurate fiscal multiplier, also is the documentation of asymmetry in the responses of economic variables to government intervention in emerging economies. Thirdly, this thesis is also related to the economic literature of meta-regression analysis. Considering the rich economic literature on the fiscal policy, meta-analysis might to shed light on the problems in this topic and stress tendency of different methodologies in the estimation of fiscal multiplier. Selective list of references: Afonso, A., Baxa, J., and Slavik, M. (2011). Fiscal developments and financial stress: a threshold var analysis. Empirical Economics, pages 1–29. Auerbach, A. J. and Gorodnichenko, Y. (2012). Measuring the output responses to fiscal policy. American Economic Journal: Economic Policy, 4(2):1–27. Blanchard, O. and Perotti, R. (2002). An empirical characterization of the dynamic e□ects of changes in government spending and taxes on output. The Quarterly Journal of economics, 117(4):1329–1368. Ilzetzki, E., Mendoza, E. G., and Vgh, C. A. (2013). How big (small?) are fiscal multipliers? Journal of Monetary Economics, 60(2):239–254. Romer, C. D. and Romer, D. H. (2010). The Macroeconomic E□ects of Tax Changes: Estimates Based on a New Measure of Fiscal Shocks. American Economic Review, 100(3):763–801. Bernanke, Ben, and Mark Gertler. "Financial fragility and economic performance." The Quarterly Journal of Economics 105, no. 1 (1990): 87-114. Gertler, Mark, Nobuhiro Kiyotaki, and Albert Queralto. "Financial crises, bank risk exposure and government financial policy." Journal of Monetary Economics 59 (2012): S17-S34. Mankiw, N. Gregory, and Ricardo Reis. "Sticky information versus sticky prices: a proposal to replace the New Keynesian Phillips curve." The Quarterly Journal of Economics 117, no. 4 (2002): 1295-1328. Matějka, Filip, and Alisdair McKay. "Rational inattention to discrete choices: A new foundation for the multinomial logit model." American Economic Review 105, no. 1 (2015): 272-98. Sims, Christopher A. "Implications of rational inattention." Journal of monetary Economics 50, no. 3 (2003): 665-690. Sims, Christopher A. "Rational inattention: Beyond the linear-quadratic case." American Economic Review 96, no. 2 (2006): 158-163. Form and scope of dissertation: The dissertation will have between 100 and 200 standard pages. Time schedule of progress on the dissertation: 1st year of study: Work on the first dissertation article with an expected title "Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model" 2nd year of study: Work on the second dissertation article with an expected title "Effective Government Policy under Financial Intermediary with Imperfect Information" 3rd year of study: Completion of the dissertation with the third article with an expected title "Fiscal multiplier: Meta-analysis" 4th year of study: Finishing, Pre-defense, and Defense of the dissertation.

State doctoral examination and doctoral thesis defence

Course of study

Scheduled date of the state doctoral examination: November 2020 Scheduled date of pre-defense: November 2021 Scheduled date of the defense of the dissertation: May 2022

Duties – study plan

Type	**Code**	**Title, details**	**Ac. year**
Course	JED521	Teaching Assistantship (Half) A	2018/2019
Course	JED414	Quantitative Methods I	2018/2019
Course	JED415	Quantitative Methods II	2018/2019
Course	JED414	Quantitative Methods in Macroeconomics and Finance I	2019/2020
Course	JED415	Quantitative Methods in Macroeconomics and Finance II	2019/2020
Course	JED414	Quantitative Methods in Macroeconomics and Finance I	2020/2021
Course	JED415	Quantitative Methods in Macroeconomics and Finance II	2020/2021
Course	JED511	Teaching Assistantship (Full) A	2018/2019
Course	JED521	Teaching Assistantship (Half) A	2019/2020
Course	JED511	Teaching Assistantship (Full) A	2019/2020
Course	JED511	Teaching Assistantship (Full) A	2019/2020
Course	JED511	Teaching Assistantship (Full) A	2020/2021
Course	JED511	Teaching Assistantship (Full) A	2020/2021
Course	JED511	Teaching Assistantship (Full) A	2021/2022
Course	JED511	Teaching Assistantship (Full) A	2021/2022
Other	---	Grant Activities Application to the Grant Agency of the UK competition with the expected topic "Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model". In case my project will not be accepted for financing, I will submit new application in subsequent years of study.	2018/2019
Other	---	Methodological seminar for PhD students In the first year of study, I will attend a methodological seminar for teaching.	2018/2019
Other	---	BT and MT refereeing I will serve as an opponent of Bachelor's and Master's theses	2018/2019

Type	Code	Title, details	Ac. year
Other	---	Study Documents Till May 31 of this academic year, I deliver "Annual assessment of fulfilling the ISP" + "Supplement", in which I further specify the intended course of my doctoral studies over the next academic year. In case of termination my study interruption I will fill in the required documents ("Annual assessment of fulfilling the ISP" + "Supplement" for the next academic year) within a month from the end of the my study interruption period.	2018/2019
Other	---	Defense I will attend at least 50% of dissertation defenses held at the IES FSV UK.	2018/2019
Publication	---	Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model (IES WP submission) Submission to the IES WP based on my diploma thesis, with expected title "Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model"	2018/2019
Publication	---	Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model (Scopus submission) Submission to a foreign journal listed in Scopus database. The paper will be based on my diploma thesis with an expected title "Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model". In case of very positive reviews from on the IES WP version. We first plan to submit to the "Journal of Macroeconomics". In case of rejection in this journal or in case of less positive reviews from IES WP we send the paper to the 1. Prague Economic Papers 2. Finance a úvěr.	2018/2019
Conference	---	10th IFO Conference on Macroeconomics and Survey Data Submission of a contribution "Reassessment of Fiscal Multiplier in Developing Countries: Regime-Switching Model" to the international conference "10th IFO Conference on Macroeconomics and Survey Data" in 2019, Munich	2018/2019
Other	---	Teaching assistanship Teaching WS 2018/2019: JEB044 Financial Accounting (1/2 TA slot)	2018/2019
Publication	---	Effective Government Policy under Financial Intermediary with Imperfect Information (IES WP submission) Submission to the IES WP based on my diploma thesis, with expected title "Effective Government Policy under Financial Intermediary with Imperfect Information"	2019/2020
Publication	---	Effect of fiscal policy: meta-analysis Submission to the IES WP with expected title "Effect of fiscal policy: meta-analysis"	2020/2021
Publication	---	Effective Government Policy under Financial Intermediary with Imperfect Information (Scopus submission) Submission to a foreign journal listed in Scopus database with expected title "Effective Government Policy under Financial Intermediary with Imperfect Information"	2019/2020
Publication	---	Effect of fiscal policy: meta-analysis Submission to a foreign journal listed in Scopus database with expected title "Effect of fiscal policy: meta-analysis"	2020/2021
Conference	---	By the end of fourth year I will actively participate in at least two international scientific conferences.	2021/2022

* Supplementary duties were added to the plan in the course of study.

Duties specific for the field of study

Publications and other study duties required to register for the state doctoral exam and defense:
By the end of the 3rd year I enrol for the state doctoral exam (SDE) so that I pass the SDE not later than by the end of the 4th year. Not later than two months before the SDE I deliver all materials demonstrating compliance with the conditions for admission to the SDE, i.e. having published or accepted for publication (in that case I attach the postprint and a well verifiable confirmation of acceptance for publication) at least one article in a scientific journal included in the Scopus database (or in a journal with a nonzero impact factor from SSCI, SCI databases) and at least one scientific article in a series of at least IES Working Papers Series quality, two grant activities (according to the rules defined by the Doctoral Council), at least four semesters of Doctoral seminars passed, and at least four “Teaching Assistantships” (TAs) in at least two different classes. I also commit myself to fulfil further special requirements that were specified by the Doctoral Council (if there are any) and attendance at the dissertation defenses in the minimum average participation of 25% of the defenses for the whole period of my studies.
At the time of submission of my application to the predefense as well as to the defense of the dissertation I commit myself to have published or accepted for publication at least two articles in scientific journals included in the Scopus database (or in journals with a nonzero impact factor from SSCI, SCI databases). I further commit myself to have 8 TAs fulfilled. At the time of submission of my application to the predefense I commit myself to have my dissertation at least in the following form. At least one dissertation article is complete, the second is almost complete, and the third is “in progress”. For the third “in progress” article at least the structure, methodology, and objective are clear, and a significant work on it has already been done. Only articles accepted for publication when the student studies the PhD at the IES will fulfil these conditions. At the same time, the articles have to be affiliated to the IES FSV UK.
Only articles in Economics, Finance and closely related fields will be accepted.
Obligations in case of a study stay: In case of a study visit/stay, I will apologise in advance to the coordinator of dissertation defenses so that my the absence could be excused. I will also in advance send a request to the Doctoral Council for possible consideration of study requirements, which I plan to fulfil during my visit/stay.

BT and MT opponency:
Throughout the entire duration of my study I will serve as an opponent of Bachelor's and Master's theses.

Study documents:
Till May 31 of this academic year, I deliver my "Annual assessment of fulfilling the ISP" + "Supplement", in which I further specify the intended course of my doctoral studies in the next academic year. Once my "Annual assessment of fulfilling the ISP" + "Supplement" is evaluated by the Doctoral Council in SIS, I will print it, sign it, arrange my supervisor's signature and deliver it to the liable CDS member by the set date. In case of terminating my study interruption I will fill in the required documents ("Annual assessment of fulfilling the ISP" + "Supplement" for the next academic year) within a month from the end of my study interruption period.

Defenses:
I will visit at least 50% of dissertation defenses held at the IES FSV UK.

Approval of plan

Supervisor	Student
PhDr. Michal Hlaváček, Ph.D.	Ilgar Ismayilov, M.A.
31.10.2018	25.10.2018

Approved by CDS.

Approved by Subject Area Board of doctoral study programme (field of study) on: ....

Chair of Subject Area Board	Study programme guarantor
	prof. Ing. Evžen Kočenda, M.A., Ph.D., DSc.
31.10.2018	31.10.2018