

Vytautas Magnus University, ISM University of Management and Economics,
Aleksandras Stulginskis University, Mykolas Romeris University and Šiauliai University
joint PhD programme in Social Sciences, Economics

Subject	Short description	ECTS
Mandatory subjects		
Econometrics	Objectives of the course – to deepen econometrics knowledge. Main themes: The classical linear regression model. Model specification. Violation of the assumption of the basic model, eg. heteroskedasticity, autocorrelation, multicollinearity. Dummy variables. Simultaneous equations models. Time series. Study forms: individual work, consultations, exam.	6
Methodology of Science Research	The aim of the <i>Methodology of Science Research</i> course is to acquaint doctoral students with meaning and content of social science (economics; management and administration) research; form concepts and skills with regard to scientific work elements, integration of various social science methodologies; develop practical skills in writing and approval of social research; present the purpose of researcher and action methods. The course intends to encourage academic and research considerations about plausible and presumable trends in scientific work development in the 21st century. <i>Methodology of Science Research</i> course discusses the culture of social science (economics; management and administration) research, research methodology and methods. Having completed the course, doctoral students will be able to perform independent social research, providing methodological justification for research logics, process, methods and development. They will also gain practical competencies in how to write a dissertation and its summary.	6
Modern Economic Theories and Macroeconomic analysis	Objective of the course - to introduce to the modern economics issues, to develop economic thinking. After this course students must to gain skills in analyzing and evaluating the macroeconomic processes using modern economic theories. Form of studies: Lectures and seminars. Thematic: modern economic theories and macroeconomic analysis	6
Mandatory subjects (to choose one)		
University didactics	University didactics is an applied branch of education science. The following issues are analyzed in this course: the main phenomena of education and their relationship; the most significant teaching and learning theories; learning by doing. Teaching methods and their applications are covered: lectures, learning in small groups, projects, case studies, discussions, workshops, debates, brainstorming, etc. The other issues are teaching resources; teaching models for effective learning (consecutive and problem based), development of study programs and their logic, goals, tasks and structure; strategies for the development of productive learning environment; open and distance learning; control, assessment and evaluation of study results; assessment systems; problems of study quality assurance at university: dimensions, standards, criteria and methods.	6
Philosophy of Science	The aim of the course is philosophically and critically interpret development of concept of science, process and conditions of diversity of science from epistemology, ontology, methodology, paradigmatic points of view. For these purposes topics of contemporary philosophy of science, the most important schools of philosophy of science of XX-	6

	XXI centuries and contemporary tendencies are considered. The course develops historical, critical, dialectics, hermeneutics, phenomenological, analytical, postmodern and other approaches to the interrelations of philosophy and science. The course is essentially philosophical and explains sense and significance of philosophical research for the development of dissertation project. Teaching methods: lectures, seminars, individual work.	
Alternative subjects (to choose one according to research subject)		
Microeconomic analysis and Institutional Economics	Students will analyze macroeconomic theory, theory of institutional economics that is very important nowadays in order to form abilities to apply theoretical knowledge in exploring, developing, assessing and improving organizational activity under changing international and local economic environment conditions.	6
Finance Theory	The objective of the course is to study in depth both classical and modern financial management theories, to understand modern financial instruments and methods, the fundamental models, used for financial risk management and financial decisions making, to analyze ethical problems in finance and the ways of their solving. The main teaching forms used in this course are lectures, theoretical seminars and individual consultations.	6
Global Economy and European Integration	The aim of course Global economy and European integration – to take knowledge and capacities to analyze the problems of global economy and European integration. The main topics are: Theoretical and methodological background of global economy; global financial, labor and goods markets; global income inequality, J. Stiglitz, A. Sen, J. Fitoussi approach on measure of economic indicators; the problems of European economic integration, common market, economic and monetary union,, the specificity of EU social model;. The analysis of EU strategy Europe 2020.	6
Agricultural Economics and Policy	The module aims to introduce students to the critical evaluation of the paradigms of modern agricultural development and policy as well as to widen their knowledge of agricultural economics, policy and the relevant evaluation methodology. Agricultural economics and policy studies are meant to familiarize the doctoral students with the paradigms of modern agricultural development along with the theoretical and methodological problems widely discussed in academic literature, and also to enable students to critically evaluate these paradigms and problems in the context of the key economic theories and methodologies.	6
Total:		30
Individual studies, consultations		
Prepare and publish at least 2 articles in scientific peer-reviewed journals.		210
Participate in at least 2 international scientific conferences and present papers on research subject.		
Participate in at least 1 scientific internship.		
Prepare a doctoral dissertation and submit it to the Doctoral Committee for evaluation.		
Total:		240