

Master Program “Financial Analytics”

SEMESTER: 1–2

MODULE: 1-3

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| Course | Advanced economic theory | |
| Instructor | Myasnikov Alexander A., PhD in Economics, Associate Professor, Department of Political Economy and History of Economic Science | |
| Credits | ECTS | Hours |
| | 5 | 180 |
| Classes | Lectures (hours) | Seminars (hours) |
| | 26 | 40 |
| Learning outcomes | <p>The students will be able to:</p> <ul style="list-style-type: none"> • Apply major modern economic models • Report in writing the results of their research in the field of economics or in a related field • Characterize major economic aspects of the behavior of consumers and firms • Analyze and interpret the results of economic and financial studies in order to work out new approaches to development of their organizations, including financial institutions • Analyze financial aspects of business activities of firms • Perform financial and economic calculations | |
| Topics | <ol style="list-style-type: none"> 1. Theory of consumer behavior. 2. Production function. Costs. Profit maximization. 3. Uncertainty and risk in economics. 4. Consumption: the permanent income hypothesis. 5. Aggregate demand and aggregate supply in a closed economy. Monetary policy. Economic cycles. 6. Aggregate demand and aggregate supply in an open economy. Exchange rate regimes. | |
| Text (Main literature) | <ol style="list-style-type: none"> 1. Nicholson W., Snyder C. Microeconomic theory: basic principles and extensions. South-Western, Cengage Learning, 2012. 2. Sørensen P.B., Whitta-Jacobsen H.J. Introducing advanced macroeconomics: growth and business cycles. McGraw-Hill Education, 2010. 3. Romer D. Advanced macroeconomics. Boston: McGraw-Hill/Irwin, 2006. | |
| Assessment | <p>The Final Grade will be summarized of:</p> <ul style="list-style-type: none"> • Lectures & seminars participation grade - 20 points; • Grade of work on seminars – 20 points; • Midterm tests and projects grade – 20 points; • Exam grade – 40 points. | |
| Teaching Methods | Lectures, seminars, presentations, problem solving, test / individual tasks | |