



Faculty of Economics  
and Business  
Administration

This programme  
is carried out  
together with:



Bachelor in Social  
Sciences



3 years, full-time



40 % of students have top school exams scores



Vilnius University is among  
the top 500 universities  
worldwide



VU Social Sciences –  
among top 400 in the  
world.

For graduates from Lithuania:

0,4

Mathematics

0,2

Either History, IT, Geography  
or Foreign language

0,2

Other subject

0,2

Lithuanian Language and  
Literature



National Exams



National exams or yearly average grades

+ Admission interview in English

# Quantitative Economics

Are you interested in economics, finance, or data analysis?  
Do you want to understand how our societies function and how their economic and financial systems can be improved?  
Do you want to learn how to work with data?  
Do you want to learn about about mathematical and econometric modeling of socio-economic phenomena?  
If you answered at least two of the above questions with yes, the brand new three-year, English taught BSc in Quantitative Economics may be just the right programme for you.

## PROGRAMME OVERVIEW:

- > the only three-year English-taught bachelor programme in Economics in the country;
- > designed and delivered jointly with researchers at the Bank of Lithuania;
- > taught by research-active lecturers and professors with PhDs from leading Western universities worldwide;
- > combines of the CORE project, OpenStax and other state-of-the-art open-sources with the quantitatively rigorous training in economics and finance;
- > provides rigorous training on par with the world's top equivalent programmes;
- > partner's scholarships available for the best students;
- > social partners: Bank of Lithuania, Nasdaq.

## CAREER OPPORTUNITIES:

- > Finance Analyst;
- > Economic Analyst;
- > (Big) Data Analyst;
- > Forecaster.

"We are after graduates with rigorous quantitative skills, economic intuition, and capacity to distill complex economic ideas into simple words."

**Dr Vitas Vasiliauskas,**  
Chairman of the Board (Bank of Lithuania)

"Successful navigation within the financial services industry that has been rapidly changing due to financial technologies requires abstract thinking including understanding of economic and finance theories, problem solving and IT skills, and good intuition – all the competences to be nurtured within the BSc in Quantitative Economics programme."

**Sigitas Mitkus,**  
Adviser to the President of the Republic of Lithuania

## Programme structure\*

Course	Credits	Course	Credits
<b>1 semester</b>	<b>25.0</b>	<b>5 semester</b>	<b>30.0</b>
<b>Compulsory courses</b>	<b>25.0</b>	<b>Compulsory courses</b>	<b>30.0</b>
Economic Principles I	15.0	Applied Microeconomics	5.0
Mathematical Methods I	5.0	Applied Macroeconomics	5.0
Statistical Theory I	5.0	Applied Finance	5.0
<b>2 semester</b>	<b>35.0</b>	Summer Internship	15.0
<b>Compulsory courses</b>	<b>25.0</b>	<b>6 semester</b>	<b>30.0</b>
Economic Principles II	15.0	<b>Compulsory courses</b>	<b>15.0</b>
Mathematical Methods II	5.0	Bachelor's Thesis	15.0
Statistical Theory II	5.0	<b>Elective courses</b>	<b>15.0</b>
<b>Elective course</b>	<b>10.0</b>	Panel Data Econometrics / Big Data Analytics / Time Series Analysis / International Macroeconomics and Finance / Industrial Organization / Financial markets	5.0
General Course of University Education	5.0		
<b>3 semester</b>	<b>30.0</b>		
<b>Compulsory courses</b>	<b>20.0</b>		
Economic Theory I	10.0		
Econometric Theory and Practice I	5.0		
Finance I	5.0		
<b>Elective courses</b>	<b>10.0</b>		
Comparative Economics / Labor Economics / Behavioural and Experimental Economics / General Courses of the University Education	5.0		
<b>4 semester</b>	<b>30.0</b>		
<b>Compulsory courses</b>	<b>30.0</b>		
Economic Theory II	10.0		
Econometric Theory and Practice II	5.0		
Finance II	5.0		
Computing and Data Analysis	5.0		
Further Quantitative Methods	5.0		

\* Programme structure may be changed due to improvements of studies.