Faculty of Economics and Business Administration

This programme is carried out together with: LIETUVOS BANKAS

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 mathematical and econometric modeling of socio-economic phenomena? If you answered at least two of the above questions with yes, the three-year, English taught BSc in Quantitative Economics may be just the right programme for you.

Bachelor in Social Sciences

3 years, full-time

40 % of students have top school exams scores

Vilnius University is among the top 400 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

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 equivalend 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,
Former 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
1 semester	**25.0**
Compulsory courses	25.0
Mathematical Methods I	5.0
Statistical Theory I	5.0
Fundamentals of Microeconomics	15.0
2 semester	**35.0**
Compulsory courses	25.0
Fundamentals of Macroeconomics	15.0
Mathematical Methods II	5.0
Statistical Theory II	5.0
Individual studies**	10.0
3 semester	**30.0**
Compulsory courses	20.0
Economic Theory I	10.0
Econometric Theory and Practice I	5.0
Finance I	5.0
Elective courses	5.0
Labor Economics / Behavioural and Experimental Economics	5.0
Individual studies**	5.0
4 semester	**30.0**
Compulsory courses	30.0
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

Course	Credits
5 semester	**30.0**
Compulsory courses	30.0
Applied Microeconomics	5.0
Applied Macroeconomics	5.0
Applied Finance	5.0
Individual studies**	15.0
6 semester	**30.0**
Compulsory courses	30.0
Internship	15.0
Final Bachelor's Thesis (Study Field: Economics)	15.0

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

** **Individual studies** are the studies freely selected by a student enrolled in the bachelor's degree study programme, which are an integrated part of the study programme.