Faculty of Economics and Business Administration

This programme is carried out together with:

LIETUVOS BANKAS

Quantitative Economics

Bachelor in Social Sciences

3 years, full-time

7 out of 10 social science applicants choose VU

TOP 500
Vilnius University is among the top 500 universities worldwide

TOP 400
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

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 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 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,
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,
Adivser to the President of the Republic of Lithuania

Programme structure*

Course	Credits
1 semester	**25.0**
Compulsory courses	25.0
Economic Principles I	15.0
Mathematical Methods I	5.0
Statistical Theory I	5.0
2 semester	**35.0**
Compulsory courses	25.0
Economic Principles II	15.0
Mathematical Methods II	5.0
Statistical Theory II	5.0
Elective course	10.0
General Course of University Education	5.0
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	10.0
Comparative Economics / Labor Economics / Behavioural and Experimental Economics / General Courses of the University Education	5.0
4 semester	**30.0**
Compulsory courses	25.0
Economic Theory II	10.0
Econometric Theory and Practice II	5.0
Finance II	5.0
Computing and Data Analysis	5.0
Elective course	5.0
Further Quantitative Methods / History of Economic Thought / Financial Markets	5.0

Course	Credits
5 semester	**30.0**
Compulsory courses	30.0
Applied Microeconomics	5.0
Applied Macroeconomics	5.0
Applied Finance	5.0
Summer Internship	15.0
6 semester	**30.0**
Compulsory courses	15.0
Bachelor's Thesis	15.0
Elective courses	15.0
Panel Data Econometrics / Big Data Analytics / Time Series Analysis / International Macroeconomics and Finance / Industrial Organization	5.0

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