



UNIVERSITY
OF WARSAW



Faculty
of Economic
Sciences



Let's make together
ECONOMICS in Warsaw!

[www.wne.uw.edu.pl]

UNIVERSITY OF WARSAW

Join the community of the University of Warsaw, which holds very good positions in international comparative evaluations of the quality of education: 19 programmes provided by UW have been listed in QS World University Rankings by Subject 2021; 9 subjects run by UW were ranked in the Shanghai Ranking of Academic Subjects 2021

| 200 years of tradition

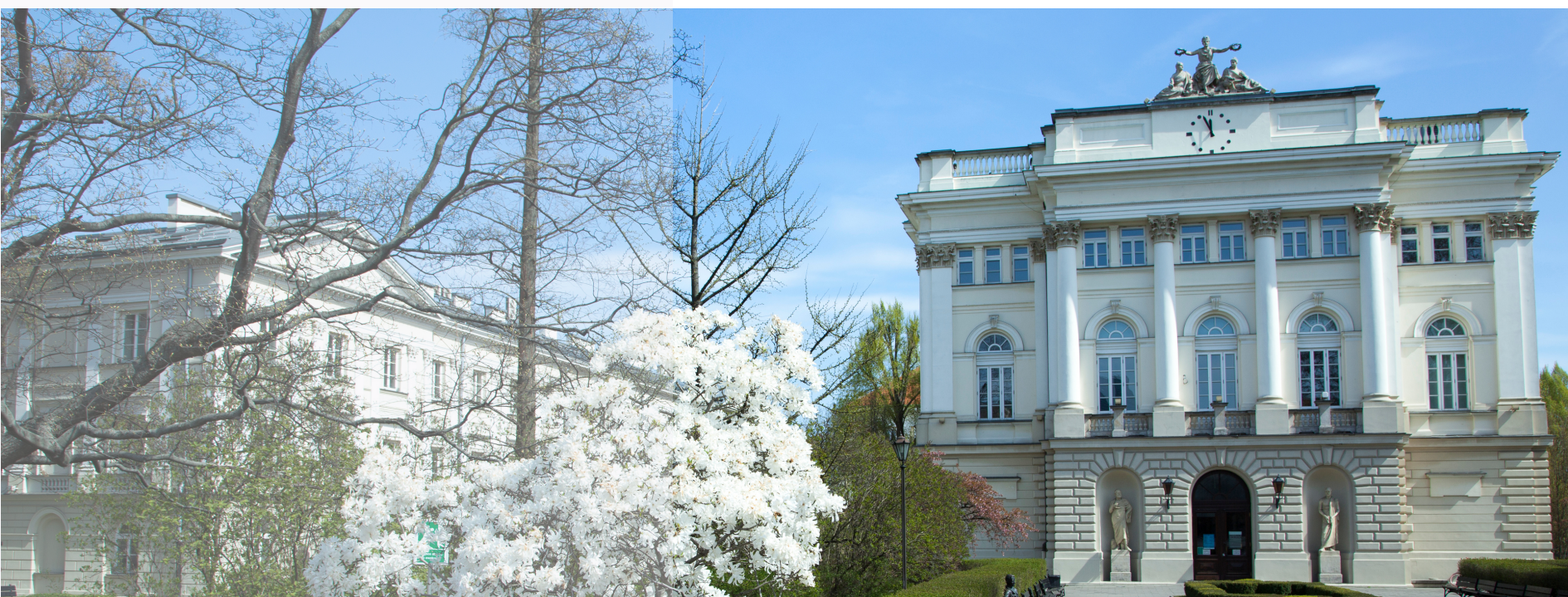
University of Warsaw was founded in 1816 and for years has been the leading research and teaching center in Poland

| International position

University of Warsaw is among the top 3% of the world's best universities, according to the global rankings such as Times Higher Education World University Ranking (THE), Quaquarelli Symmonds World University Ranking (QS) or Academic Ranking of World Universities (ARWU)

The University of Warsaw's community includes almost 5000 foreigners: students, doctoral students, employees and grantees of, among others, the Erasmus+ program

We take part in many international cooperation programs and are the members of many global associations. The University of Warsaw belongs, among others, to the 4EU+ European University Alliance



FACULTY OF ECONOMIC SCIENCES – RESEARCH LEADER

The Faculty of Economic Sciences possess the highest scientific category A+ and has been, for many years, classified as the best university in the country according to the IDEAS/REPEC scientific-research ranking

| Grants efficiency

Scientific and development work conducted at the Faculty of Economic Sciences University of Warsaw is an answer to the challenges of modern science and economy. According to the National Science Centre, the Faculty is the most effective grant applicant in Poland in the field of economics. The Faculty of Economic Sciences realises more than 60 scientific grants including 11 international with prestigious European Research Council Consolidator Grant

| Place in global research

According to the Research Papers in Economics - RePec latest ranking, the Faculty of Economic Sciences is the best economic institution in Poland and it is among 3% of the best scientific institutions in Europe

Moreover, the Faculty's academic staff are leading researchers - 20% of the best polish economists /150 people/ are researchers from the Faculty of Economic Sciences, and one of the professors is among 1% of the best economists in the world (RePec 2022)

| Wide range of scientific projects

The economists representing the Faculty conduct interdisciplinary research from various areas of economics and finance. From traditional fields such as: finance and economics, labour economics, law, demography and accounting to multi-disciplinary, innovative research combining psychology, ecology, digitalisation, data science or quantitative finance



FACULTY OF ECONOMIC SCIENCES – QUALITY

The Faculty of Economic Sciences at the University of Warsaw has almost 70 years history of successes in both areas – teaching and research.

| The best economic programs in Poland

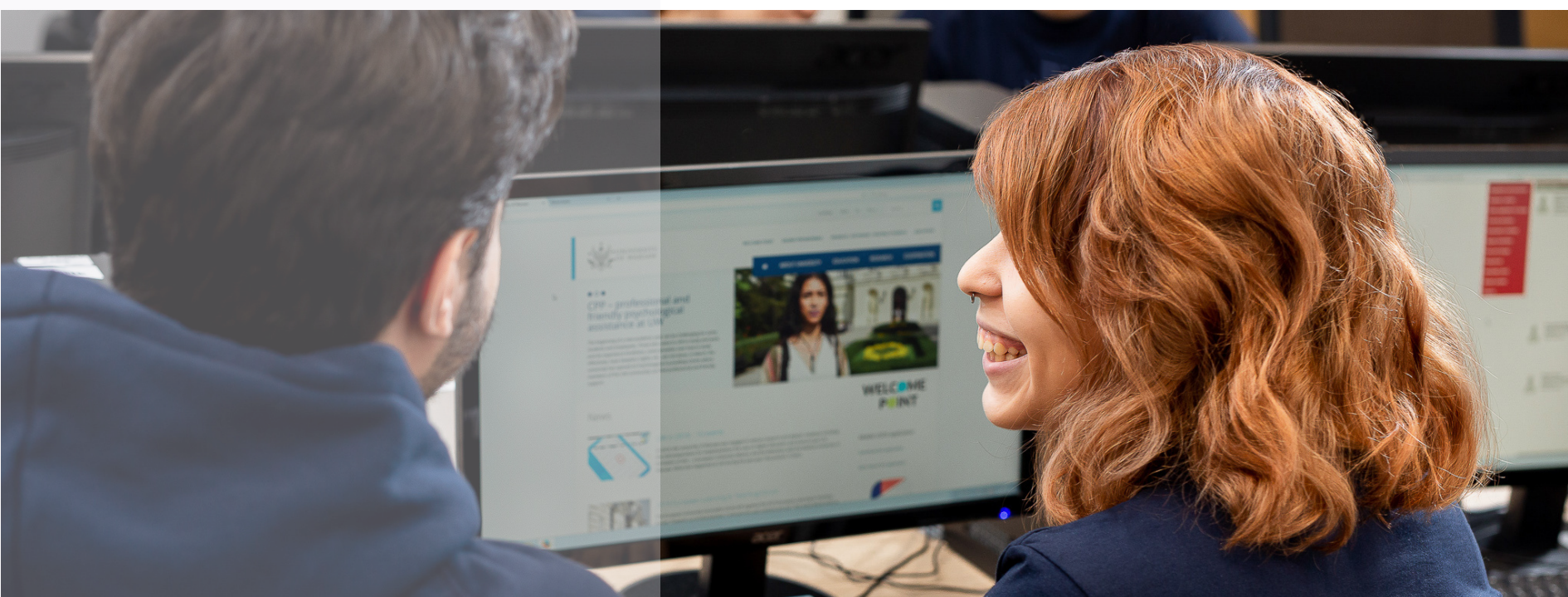
According to the national Ranking of Universities Perspektywy 2021, Faculty of Economic Sciences conducts the best studies in the field of Economics, receiving the highest scores in the category “International Accreditations” and “Alumni’s economic situation”

| Studies recognized abroad

The educational offer of the Faculty of Economic Sciences is appreciated internationally, e.g. according to the Eduniversal Best Masters Ranking 2021 Quantitative Finance program is 12th in the world; Finance, Investments and Accounting (in Polish) – 10th in the world; Data Science and Business Analytics, International Economics and Informatics and Econometrics (in Polish) – 1st in Eastern Europe

| Studies with future

Programs offered by the Faculty of Economic Sciences are based on solid mathematical knowledge and great economic foundations, supported by practical knowledge of advanced econometric and programming e.g. SAS, STATA, R, Python, VBA, C++. Curricula of the programs offered by the Faculty include innovative, experimental learning methods such as design, simulation and case studies using e-learning platforms and computer laboratories



FACULTY OF ECONOMIC SCIENCES – WHAT MAKES US UNIQUE?

The Faculty of Economic Sciences at the University of Warsaw is a great place to study if you are an ambitious student

The Faculty of Economic Sciences degree programs combine a solid foundation of academic education with a high quality of specialised knowledge considered to be essential in the modern economic environment

Modern economics is not only an empirical science but also an experimental one. Our programs cover subjects falling within the domain of modern economics while being consistent with high European standards

| Support for the best students

Faculty has its own *mini grant system* to finance students' scientific projects e.g. to conduct scientific research or to participate in scientific conferences. Faculty's students have a possibility to prepare thesis in the form of scientific paper and publish it

| How we teach?

Our studies are concentrated on thinking and drawing conclusions, understanding is more important than simply passing the exams which is why we do not tolerate cheating

Faculty's programs are based on solid mathematical knowledge and great economic foundations, supported by practical knowledge of advanced econometric and programming e.g. SAS, STATA, R, Python, VBA, C++, well-established during classes in labs

We use innovative, experimental learning methods such as design, simulation and case studies using e-learning platforms and computer laboratories



FACULTY OF ECONOMIC SCIENCES – INTERNATIONALLY

If you want to study in the really international atmosphere, join us and feel it!

Our students receive an internationally recognized diploma. Programs offered by the Faculty provide international standards – 2 programs offered by the Faculty received ACCA accreditation (Association of Chartered Certified Accountants)

Moreover, knowledge gained during the studies allows our alumni to successfully participate in exams like e.g. CFA, CIMA

From the academic year 2021/2022 all members of our international community - our Candidates and Students will receive all the necessary support during their stay in Warsaw in special unit - Welcome Point

| Vibrant international community

Almost 1/4 of Faculty's students are international students from over 50 countries from all around the world, creating the truly international spirit. Our students come e.g. from China, Spain, Ukraine, South Korea, Georgia, United States, Mexico or Philippines and many other countries

| Exchange programs

The Faculty of Economic Sciences has nearly 80 international cooperation agreements which give the opportunity for our Students to spend one semester or whole academic year on another, foreign university

Although the most popular is the Erasmus + program, our students have also the opportunity to undertake studies based on bilateral agreements

| Double degree programs

Students of MA International Degree Program have the opportunity to obtain diplomas from two universities - one from the University of Warsaw and the second from one of the partner universities which create the joint programs with our Faculty



FACULTY OF ECONOMIC SCIENCES – CAREER PERSPECTIVES

Graduates of economic studies at the University of Warsaw receive the highest average wages in Poland in the first year after obtaining a diploma according to the ranking of economic studies by Rzeczpospolita daily newspaper 2019

Alumni of the Faculty of Economic Sciences are on top places in the Graduate Tracking System in terms of the amount of earnings and the speed at which work is found

| Examples of positions

Mobile Banking Analyst, Quantitative Analyst, Merger and Acquisition Specialist, AML Analyst, Big Data Analyst, Business, Advisor, Investment advisor, Actuary, Securities broker, Business, Intelligence Specialist, Forecast Specialist, Auditor, Routing Specialist, Derivatives Specialist, User experience specialist

| Cooperation with future employers

The Faculty of Economic Sciences cooperates with the biggest companies in the industry to provide interesting development paths e.g.: learning path under Google's patronage - *Digital Economy, Data Mining Certificate Program* - conducted in cooperation with SAS Institute Poland, which prepares experts for advanced data analysis and management, *Introduction to Anti Money Laundering* – conducted in cooperation with Citi bank specialists, *Understanding Business* – conducted on a mentoring basis with companies representatives and case studies



UNDERGRADUATE STUDIES

FINANCE, INTERNATIONAL INVESTMENT AND ACCOUNTING

This math-oriented programme aims at providing students with professional knowledge about economic mechanisms and financial instruments

Students learn how to manage modern financial engineering at international markets and in multinational corporations; they are supplied with the knowledge of monetary policy, banking, insurance, accounting, foreign exchange risk management techniques, optimization and corporate finance, especially associated with investing in assets



| Knowledge

You will understand economics and finance on both the micro- and macro level

You will learn how to analyse data, how to create and implement financial models

You will fluently use two main languages in the world of finance: mathematics and English

You will learn how to use advanced econometric tools, such as SAS, R, MAXIMA, STATA, C++, VBA

Curriculum |

Introduction to Economics
History of Economics/ Economic History/ Demography
Microeconomics I, II, III
Macroeconomics I, II
Open Economy Macroeconomics
International Trade Theory
Linear Algebra
Mathematical Analysis I, II
Probability Calculus
Mathematical Statistics
Econometrics (lab classes in STATA or in R)
Financial Law
Finance I, II
International Finance
Insurances
Accounting
Investment Account
Introduction to Public Finance
Banking
Specialisation courses
Thesis seminar
General knowledge courses
Internship

| Additional information

- Fee: 2200 EUR/year
- Requirements: High school diploma, score from native language, mathematics and foreign language, B2 English level

GRADUATE STUDIES

INTERNATIONAL ECONOMICS

**1st best programme in the Eastern Europe
according to the Eduniversal Best Masters
ranking 2021 in the "Economics" category**

This programme offers cutting-edge knowledge and skills in the field of international economics and is one of the best graduate programmes in Central and Eastern Europe

The selection of courses seeks to provide students with a solid base in economics on advanced level and to familiarise them with the latest issues discussed in scientific research and business

After having completed their first year in Warsaw, selected students spend their second year at a partner university and after defending their thesis, they receive two diplomas



| Knowledge

You will fluently implement advanced macro and micro theory while modelling socio-economic processes

You will understand how finance and economics work and you will be able to use this knowledge for advanced finance engineering in international corporations

You will acquire knowledge about the rules of negotiations and you will know how to solve trade disputes

You will use advanced econometric tools such as STATA, MAXIMA, Eviews with ease

Curriculum |

Advanced Microeconomics
General Equilibrium
Game Theory
Growth and Business Cycles
Microeconometrics
Mathematical Methods in Economics
Monetary Economics
Macroeconometrics
International Labour Migration
International Trade Theory
International Trade Policy
International Economic Geography
International Finance
International Monetary Policy
Theory of Economic Integration
Negotiations
International Technology Transfer
International Marketing
Research and thesis seminar
General knowledge courses

| Additional information

- Fee: 2200 EUR/year
- Requirements: Higher education diploma - BA, BSc, MA, MSc and B2 English level

GRADUATE STUDIES

QUANTITATIVE FINANCE

**12th best program in the world
according to the Best Masters Eduniversal
ranking 2021 "Top 100 program in financial
markets"**

The field of quantitative finance has been rapidly evolving in recent years due to unprecedented changes in both technology and financial markets. As financial securities become increasingly complex, the demand for individuals who are known as quantitative analysts, or simply quants, has grown steadily

They are and will be in high demand for the foreseeable future mostly due to their strong technical skills and challenging nature of the work, which is often described as a mixture of mathematics, finance and computer skills



| Knowledge

The basic advantage of the program is the shift from the general concepts of modern finance towards a focus on the matter of quantitative finance, which is essential in case of any advanced approach to modelling financial markets

The track is prepared in order to connect theoretical knowledge with its practical applications. It will simultaneously include a theoretical introduction - describing models and theories and practical applications of these theories in the world of finance which will allow students to gain practical insights into the implementation of specific models and techniques in the capital market

Curriculum |

Statistics & Econometrics
Macroeconomics of Finance
Mathematical Methods in Finance
Time Series Analysis
Advanced Microeconomics (Asset Pricing)
Advanced Macroeconomics
Quantitative Strategies (High Frequency Data)
Financial Statement Analysis
Ethical Standards and Financial Law
Asset Allocation and Investment Strategies I, II
Derivatives Markets
Equity and Fixed Income
Corporate Finance
Computational Finance
Risk Analysis and Modelling I, II
C++ in Quantitative Finance I, II
Theory and Practice of Option Pricing
Empirics of Financial Markets
Automatic Transactional Systems
Thesis Seminar
General knowledge courses

| Additional information

- Fee: 2200 EUR/year
- Requirements: Higher education diploma - BA, BSc, MA, MSc and B2 English level

GRADUATE STUDIES

DATA SCIENCE AND BUSINESS ANALYTICS

The best program in the Eastern Europe according to the Eduniversal Best Masters ranking 2021 in the "Data Analytics" category

The objective of the program is to educate data analysts with broad programming skills, understanding business and business processes who can easily communicate with business clients

That is why the education program is based on four pillars: quantitative methods, IT programming, economics & finance and soft skills



| Knowledge

You will combine skills of programming, data analysis using sophisticated algorithms with database management, visualisation and work flow

You will be able to understand business customers' needs and solve their problems with data management and analytics

You will use R, Python, SQL

You will acquire knowledge about the rules of negotiations

Curriculum |

Introduction to Data Science

Applied Microeconomics, Macroeconomics, Finance

Advanced Econometrics

R: intro/ data cleaning and imputation R

Python and SQL: intro/ SQL platforms

Algorithmics

Statistics and Exploratory Data Analysis

Unsupervised Learning

Webscrapping and Social Media Scrapping

Advanced Programming in R

Machine Learning

Advanced Visualisation in R

Text Mining and Social Media Mining

Big Data Analytics

R Reproducible Research

Elective courses


Communication and Autopresentation

Negotiations

Understanding Business

| Additional information

- Fee: 2200 EUR/year
- Requirements: Higher education diploma - BA, BSc, MA, MSc and B2 English level



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POLISH NATIONAL AGENCY
FOR ACADEMIC EXCHANGE

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