INTERNATIONAL MASTER IN QUANTITATIVE FINANCE

International Master in Quantitative Finance (IMQF) is a one-year academic master programme in finance. Since its establishment in 2003, the IMQF programme has become a benchmark of quality in academic finance in South-Eastern Europe. The programme provides a background for CFA, FRM and PRM licences, as well as for a relevant PhD. Since the IMQF has been established as #1 master program in finance in this part of Europe, it provides access to a unique and vast alumni network. The programme graduates are in great demand at leading financial institutions, companies, regulatory agencies and international organisations in Serbia, as well as in global financial centres, such as New York, London, Paris, Amsterdam, etc.

KEY FACTS

DURATION:	2 semesters (60 ECTS)
START:	**Applications**: September; **Start of semester**: October
LANGUAGE:	English
DEGREE:	Master of Science (MSc) in Economics
FEES:	Eur 4,000 per year For distinguished candidates scholarships (up to 25%) are available
CONTACT:	www.ekof.bg.ac.rs/imqf Email: international.master@ekof.bg.ac.rs Tel: +381 69 8066386

LEARNING OUTCOMES

The IMQF programme has been designed to provide students with the advantageous combination of state-of-the-art academic qualification and a specialisation in the field of finance. After successful completion of the program, students will be able to:

- Understand and analyse complex financial problems using mathematical and statistical models;
- Use mathematical and statistical methods and computational procedures for financial decision-making;
- Understand how financial securities, such as stocks, bonds and derivatives, are traded and priced;
- Assess financial risk and understand how financial institutions manage their risk exposures;
- Handle financial market data and information systems in theory and practice;
- Work in teams and participate successfully in problem-solving processes.

Depending on the electives they choose, the students will also be able to write and present academic papers or develop and apply computational processes for finance-related problems. IMQF programme also encourages students to embrace an interdisciplinary approach to application of quantitative skills in finance.

GRADUATE DESTINATIONS

We welcome graduates or young professionals who wish to develop their careers in the world of finance and related fields of economics, data science and computing. Graduates from this program will be able to pursue career in a wide range of professions that require strong quantitative and analytical skills, including, but not limited to, the following positions:

- Financial analyst;
- Financial consultant;
- Risk consultant;

- Quantitative analyst;
- Financial data scientist;
- Quantitative developer.

IMQF programme provides a sufficient background for all three levels of the Chartered Financial Analyst (CFA) exams, as well as for globally recognised risk management exams such as FRM and PRM. Some of the former IMQF students continued their education towards a PhD degree in finance or economics at major international universities.

CURRICULUM

1 YEAR (60 ECTS)				
		Course	Term	ECTS
FALL TERM		Mandatory courses		
	1	Investments	1	5
	2	Asset Pricing	1	5
	3	Electives (1 out of 2)		
		Mathematics and Modelling for Economics and Finance	1	5
		Stochastic Calculus for Finance	1	6
	4	Electives (1 out of 2)		
		Intermediate Econometrics	1	5
		Microeconometrics	1	6
	5	Electives (1 out of 2)		
		Applied Microeconomics	1	5
		Applied Macro-Finance	2	6
	6	Electives (1 out of 5)		
		Intermediate Public Finance	1	5
		Corporate Financial Reporting	1	7
		Big Data Management	1	7
		Topics in Finance	1	6
		Digital Tools	1	4
	7	Electives (1 out of 3)		
		Research seminar (Autumn)	1	2
SPRING TERM		Advanced Digital Tools	2	4
		Research seminar (Spring)	2	2
	8	Electives (1 out of 2)		
		Corporate Finance	2	6
		Derivatives	2	5
	9	Electives (1 out of 5)		
		Fixed Income Securities	2	5
		Behavioural Economics and Finance	2	6
		Risk Modelling	2	6
		Machine Learning and Data Mining	2	6
		Topics in Economics	2	6
		Other (mandatory)		
		Internship	2	3
		Master Thesis	**2**	**15**