## Faculty of Economic Sciences, University of Warsaw Master's Programme Curriculum

Field of study: Quantitative Finance - full-time studies

Academic year 2024/2025

## For those students, who did not get respective credits during undergraduate studies:

Occupational Safety and Health (OSH) (there is a possibility of using credits received within the last five years at selected UW faculties)	hours	4	ECTS	0,5
Intellectual Property Protection (IPP)	hours	6	ECTS	0,5

					0	LUIJ		3		20.02.2024
					Year					
No	Course code	Course name	Course type	hours/ ECTS	1	2	3	4	total hours/ ECTS credits	Form of credit
	General Courses									
		General elective course (OGUN)	wykł.	hours	30			30	60	Credit
1	university offer	humanistic profile	WYKI.	ECTS	3	0	0	3	6	Credit
		Total of hours in the group of coursesECTS of credits in the group of courses			30 3	0 0	0 0	30 3	60 6	
	Core courses									
	2400-QFU2AMA	Advanced Macroeconomics	lecture	hours			30		30	
3				ECTS			3		3	written exam
4	2400-QFU1STE	Statistics & Econometrics	lecture	hours ECTS	30 2				30 2	written exam
				hours	30				30	written exam
5	2400-QFU1IQF	Introduction to Quantitative Finance	lecture	ECTS	3				3	written exam
			lecture	hours	30				60	
6	2400-QFU1MMF	Mathematical Methods in Finance	lab.	hours	30				80	written exam
				ECTS	6				6	
7		Time Series Analysis	lecture	hours		30			60	writton over
/	2400-QFU1TSA	Time Series Analysis	lab.	hours		<u>30</u>			6	written exam
			lecture	ECTS hours		D	30			
8	2400-QFU2FEC	Quantitative Strategies. High Frequency Data	lab.	hours			30		60	written exam
			180.	ECTS			6		6	
		Total of hours in the group of courses			120	60	90	0	270	
С	Field -of study cou	ECTS of credits in the group of courses			11	6	9	0	26	
			lecture	hours	30				45	
9	2400-QFU1FSA Fina	inancial Statement Analysis	lab.	hours	15				4J	written exam
			100.	ECTS	6				6	
10	2400-QFU1ESL	Ethical Standards and Financial Law	lecture	hours	30				30	written exam
				ECTS	3				3	
11	2400-QFU1AIS	Asset Allocation and Investment Strategies	seminar	hours	30				30	•••
		-	La aturna	ECTS	3				3	written exam
12	2400-QFU1MLI	Machine Learning in Finance I	lecture lab.	hours hours	15 15				30	written exam
12				ECTS	4				4	
	2400-QFU1EFI Equity a	Equity and Fixed Income	lecture	hours		30			45	written exam
14			lab.	hours		15				
				ECTS		5			5	
15	2400-QFU1DVM Der	Derivatives Markets	lecture lab.	hours hours		30 15			45	written exam
13				ECTS		4			4	witten exam
			lecture	hours		30			45	
16	2400-QFU1CFN	Corporate Finance	lab.	hours		15				written exam
				ECTS hours		<b>4</b> 30			4 30	
17	2400-QFU1CF	Computational Finance	lab.	ECTS		50 5			5	written exam
18	2400-QFU1RR	Reproducible Research	lab.	hours		30			30	Credit
				ECTS hours		3	30		3 30	
19	2400-QFU2RAM	Risk Analysis and Modelling I	seminar	ECTS			5 30		5 30	written exam
20	2400-QFU2C1	C++ in Quantitative Finance I	lab	hours ECTS			4		4	written exam
21	2400-QFU2TPRO	Theory and practice of option pricing	lecture	hours			30 6		30 6	written exam
	2400-QFU1MLII			ECTS hours			30		30	
22	-	Machine Learning in Finance II	lab	ECTS			3	20	3 30	written exam
23	2400-QFU2RAMb	Risk Analysis and Modelling II	seminar	hours ECTS				30 4	4	written exam
24	2400-QFU2C2	C++ in Quantitative Finance II	lab	hours				30	30 4	writton over
	,			ECTS				4	4	written exam

25	2400-QFU2EFM	Empirics of Financial Markets	seminar	hours ECTS				30 4	30 4	Credit	
26	2400-QFU2TSA	Automatic Transactional Systems	lab	hours ECTS				30 4	30 4	Credit	
		Total of hours in the group of courses			135	195	120	120	570		
		ECTS of credits in the group of courses		: 	<b>16</b>	21	18	<b>16</b>	71		
D											
						30	30	30	90		
27	2400-SU2TS Master Thesis Seminar	seminar	ECTS		3	3	11	17	Credit		
		Total of hours in the group of courses			0	30	30	<b>30</b>	<i>90</i>		
		ECTS of credits in the group of courses			0	3	3	11	17		
		Total of hours			285	285	240	180	990		
		ECTS of credits			30	30	30	30	120		