

**Faculty of Economic Sciences, University of Warsaw**  
**Master's Programme Curriculum**  
**Field of study: Quantitative Finance - part-time studies**  
**Academic year 2024/2025**

Only for those students, who did not complete course during the first degree

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	hours	6	ECTS	0,5

20.02.2024

No	Course code	Course name	Course type	hours/ ECTS	Year				total hours/ ECTS credits	Form of credit
					I		II			
					1	2	3	4		
<b>General Courses</b>										
1	university offer	General elective course (OGUN)	wykł.	hours	30			30	60	Credit
		humanistic profile		ECTS	3			3	6	
		<b>Total of hours in the group of courses</b>			30	0	0	30	60	
		<b>ECTS of credits in the group of courses</b>			3	0	0	3	6	
<b>Core courses</b>										
3	2400-QFU2AMA	Advanced Macroeconomics	lecture	hours			30		30	written exam
				ECTS			3		3	
4	2400-QFU1STE	Statistics & Econometrics	lecture	hours	30				30	written exam
				ECTS	2				2	
5	2400-QFU1IQF	Introduction to Quantitative Finance	lecture	hours	30				30	written exam
				ECTS	3				3	
6	2400-QFU1MMF	Mathematical Methods in Finance	lecture	hours	30				60	written exam
				hours	30				60	
			ECTS	6				6		
7	2400-QFU1TSA	Time Series Analysis	lecture	hours		30			60	written exam
				hours		30			60	
			ECTS		6			6		
8	2400-QFU2FEC	Quantitative Strategies. High Frequency Data	lecture	hours			30		60	written exam
				hours			30		60	
			ECTS			6		6		
		<b>Total of hours in the group of courses</b>			120	60	90	0	270	
		<b>ECTS of credits in the group of courses</b>			11	6	9	0	26	
<b>C Field -of study courses</b>										
9	2400-QFU1FSA	Financial Statement Analysis	lecture	hours	30				45	written exam
				hours	15				45	
			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	written exam
				ECTS	3				3	
12	2400-QFU1MLI	Machine Learning in Finance I	lecture	hours	15				30	written exam
				hours	15				30	
			ECTS	4				4		
14	2400-QFU1EFI	Equity and Fixed Income	lecture	hours		30			45	written exam
				hours		15			45	
			ECTS		5			5		
15	2400-QFU1DVM	Derivatives Markets	lecture	hours		30			45	written exam
				hours		15			45	
			ECTS		4			4		
16	2400-QFU1CFN	Corporate Finance	lecture	hours		30			45	written exam
				hours		15			45	
			ECTS		4			4		
17	2400-QFU1CF	Computational Finance	lab.	hours		30			30	written exam
				ECTS		5			5	
18	2400-QFU1RR	Reproducible Research	lab.	hours		30			30	Credit
				ECTS		3			3	
19	2400-QFU2RAM	Risk Analysis and Modelling I	seminar	hours			30		30	written exam
				ECTS			5		5	
20	2400-QFU2C1	C++ in Quantitative Finance I	lab	hours			30		30	written exam
				ECTS			4		4	
21	2400-QFU2TPRO	Theory and practice of option pricing	lecture	hours			30		30	written exam
				ECTS			6		6	
22	2400-QFU1MLII	Machine Learning in Finance II	lab	hours			30		30	written exam
				ECTS			3		3	
23	2400-QFU2RAMb	Risk Analysis and Modelling II	seminar	hours				30	30	written exam
				ECTS				4	4	
24	2400-QFU2C2	C++ in Quantitative Finance II	lab	hours				30	30	written exam
				ECTS				4	4	
25	2400-QFU2EFM	Empirics of Financial Markets	seminar	hours				30	30	Credit
				ECTS				4	4	
26	2400-QFU2TSA	Automatic Transactional Systems	lab	hours				30	30	Credit
				ECTS				4	4	
		<b>Total of hours in the group of courses</b>			135	195	120	120	570	

<i>ECTS of credits in the group of courses</i>				<b>16</b>	<b>21</b>	<b>18</b>	<b>16</b>	<b>71</b>	
<b>D</b>	<b>Master Thesis Seminar</b>								
27	2400-SU2TS.....	Master Thesis Seminar	seminar		30	30	30	90	Credit
			<i>ECTS</i>		<b>3</b>	<b>3</b>	<b>11</b>	<b>17</b>	
<i>Total of hours in the group of courses</i>					<b>0</b>	<b>30</b>	<b>30</b>	<b>90</b>	
<i>ECTS of credits in the group of courses</i>					<b>0</b>	<b>3</b>	<b>3</b>	<b>11</b>	<b>17</b>
		<b>Total of hours</b>			<b>285</b>	<b>285</b>	<b>240</b>	<b>180</b>	<b>990</b>
		<b>ECTS of credits</b>			<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>120</b>