

1.	Field of study	Econophysics
2.	Academic year of entry	2014/2015 (winter term)
3.	Academic year for which the revised course structure applies	—
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time
7.	ISCED code	

A

No.	Module	E/C	Total	form of teaching			Total ECTS	year 1						year 2										
				L	O	E		semester 1			semester 2			semester 3			semester 4							
								L	O	E	L	O	E	L	O	E	L	O	E					
1	Applications of discrete mathematics	E	30	15	15	3	15	15	3															
2	Game theory in negotiations and decision making	E	60	30	30	6	30	30	6															
3	Metody analizy statystycznej	E	90	30	60	8	30	60	8															
4	Physics for economists	E	60	30	30	5	30	30	5															
5	Quantum methods in Econophysics	E	60	30	30	6	30	30	6															
6	Computer modelling of market phenomena	E	60	30	30	6				30	30	6												
7	Praca magisterska cz.1	Z	150		150	8					150	8												
8	Przedmiot do wyboru-grupa S1	E	60	30	30	5				30	30	5												
9	Przedmiot do wyboru-grupa S2 a	E	60	30	30	5				30	30	5												
10	Statistical modeling in Econophysics	E	60	30	30	5				30	30	5												
11	Physical methods for financial markets	E	60	30	30	5							30	30	5									
12	Praca magisterska cz.2	Z	150		150	10								150	10									
13	Przedmiot do wyboru- grupa S2-B	E	60	30	30	6							30	30	6									
14	Stochastic Dynamics	E	60	30	30	5							30	30	5									
15	Human Resources Management	E	45	30	15	3															30	15	3	
16	Praca magisterska cz.3	Z	150		150	21																150	21	
17	Przedmiot do wyboru- grupa S3	Z	45	30	15	3															30	15	3	

18	Risk management	E	45	30	15	3												30	15	3
TOTAL A:			1305	435	870	113	135	165	28	120	270	29	90	240	26	90	195	30		

Internships and field work

No.	Module	E/C	form of teaching				year 1						year 2							
			Total	L	O	Total ECTS	semester 1			semester 2			semester 3			semester 4				
							L	O	E	L	O	E	L	O	E	L	O	E		
1	Praktyki	Z	120		120	4										120	4			
TOTAL Internships and field work:			120	0	120	4	0	0	0	0	0	0	0	0	0	120	4	0	0	0

Other requirements

No.	Module	E/C	form of teaching				year 1						year 2							
			Total	L	O	Total ECTS	semester 1			semester 2			semester 3			semester 4				
							L	O	E	L	O	E	L	O	E	L	O	E		
1	Specialistic English Language Course	E	30		30	2		30	2											
2	Wychowanie fizyczne	Z	30		30	1				30	1									
TOTAL Other requirements:			60	0	60	3	0	30	2	0	30	1	0	0	0	0	0	0	0	0
TOTAL:			1485	435	1050	120	330	30	420	30	450	30	285	30						
TOTAL			1485																	

The study ends with the awarding of a Master's Degree in the field of Econophysics.

Legend

Each semester consists of 15 weeks

E/C - examination/course work

E - ECTS

L - lecture, O - all forms of teaching excluding lecture (practical classes, laboratory classes, discussion classes, seminar, proseminar, language classes, field practice, workshop, internship, tutoring)

Plan studiów zatwierdzony przez Radę Wydziału w dniu 27.03.2012 r.

Otrzymują:

1. Dział Kształcenia
2. Wydział Matematyki, Fizyki i Chemii
3. Dziekanat

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(pieczęć i podpis Dyrektora Instytutu)

.....
(pieczęć i podpis Dziekana)