University of Gdansk

Faculty of Math. Phys. Inf, Institute of Ma

Ungergraduate Study Programme ECONOMICAL MATHEMATICS

From 2012/13

No	Course title	Ex. after Sem.	Hours				Weekly schedule																							
			Total	including:			I Year								II Year								III Year							
				lect.	ex.	lab.	1 sem 15 weeks				2 sem 15 weeks				3 sem 15 weeks				4 sem 15 weeks				5 sem 15 weeks				6 sem 15 weeks			
							lec	ex	lab	ects	lec	ex	lab	ects	lec	ex	lab	ects	lec	ex	lab	ects	lec	ex	lab	ects	lec	ex	lab	ects
1	Mathematical Analysis	1,2,3	390	180	180	30	4	4	2	13	4	4		11	4	4		11												
2	Linear Algebra with Geometry	2	150	60	75	15	2	3		8	2	2	1	6																
3	English (B2)	4	120		120			2		2		2		2		2		2		2		2								
4	Introduction to Mathematics	1	60	30	30		2	2		6																				
5	Intellectual Property Protection		15	15			1			1																				
6	Programming Basics	2	75	30	15	30					2	1	2	5																
7	Macroeconomics	2	60	30	30						2	2		5																
8	Physical Education		30		30							2		1																
9	Probability Theory	3	90	45	45										3	3		7												
10	Algorithms and Data Structures	3	60	30		30									2		2	5												
11	Financial Mathematics	3	60	30	30										2	2		5												
12	Databases	4	60	30		30													2		2	6								
13	Traineeship (120 hours)		0	0	0	0																6								
14	Probability Theory II	4	60	30	30														2	2		5								
15	Microeconomics	4	60	30	30														2	2		5								
16	Statistics I	4	60	30	15	15													2	1	1	6								
17	Undergraduate Seminar		60		60																			2		3		2		3
18	Differential Equations	5	60	30	30																		2	2		6				
19	Data Mining I	5	60	30		30																	2		2	5				
20	Facultative Course	5	60	30	30																		2	2		5				
21	Econometrics	5	90	30	30	30																	2	2	2	5				
22	Algebra	6	120	60	60																		2	2		6	2	2		6
23	Preparation for Undergraduate Exam																													6
24	Facultative Course	6	60	30	30																						2	2		5
25	Facultative Course	6	60	30	30																						2	2		5
26	Mathematical Economics	6	60	30	30																						2	2		5
27																														
28																														
29																														
30																														
31																														
32																														
33																														
34																														
	Total		1980	840	930	210	9	11	2	30	10	13	3	30	11	11	2	30	8	7	3	30	10	10	4	30	8	10	0	30
							22				26				24				18				24				18			
In addition *Health and safety training* is needed			Number of Exams:				2				4				4				5				4				4			

credits are awarded based on continous assessment

credits are awarded based on mark (lecture/seminar)

course choosen due to specialization