University of Gdansk

Faculty of Math. Phys. Inf, Institute of Mat

Ungergraduate Study Programme MATHEMATICS

From 2012/13

No	Course title	Ex. after Sem.	Hours				Weekly schedule																					
			Total	including:			I Year								II Year								III Year							
							1 sem 15 weeks				2 sem 15 weeks				3 sem 15 weeks				4 sem 15 weeks				5 sem 15 weeks				6 sem 15 weeks			
				lect.	ex.	lab.	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	**Discrete Mathematics**	2	60	30	30						2	2		**5**																
7	**Programming Basics**	2	75	30	15	30					2	1	2	**5**																
8	**Physical Education**		30		30							2		**1**																
9	**Probability Theory**	3	90	45	45	0									3	3		**7**												
10	**Algorithms and Data Structures**	3	60	30		30									2		2	**5**												
11	**Facultative Course**	3	60	30	30										2	2		**5**												
12	**Databases**	4	60	30		30													2		2	**6**								
13	**Topology I**	4	60	30	30														2	2		**5**								
14	**Traineeship (120 hours)**			0	0	0																**6**								
15	**Facultative Course**	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	**Facultative Course**	5	60	30	30																		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	**Facultative Course**	6	60	30	30																						2	2		**5**
27																														
28																														
29																														
30																														
31																														
32																														
	Total		**1950**	**840**	**930**	**180**	9	11	2	**30**	10	13	3	**30**	11	11	2	**30**	8	7	3	**30**	10	10	2	**30**	8	10	0	**30**
							22				**26**				**24**				**18**				**22**				**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

course choosen due to specialization