## **University of Gdansk**

## Faculty of Mathematics, Physics and Informatics

## Schedule of graduate studies in TEACHERS MATHEMATICS

Institute of Mathematics

From recruitment 2013/14

													Hours	s													
	Course title	Exams after			includ	ing:		I Year										II Year									
No					ex.	labs	semin ars		1	. sem				2	sem			3 sem					4 sem				
		Semester	Total	lectures						15	week	s			1	5 wee	ks		15 weeks								
								lec	ex	lab	sem	ects	lec	ex	lab	sem	ects	lec	ex	lab	sem	ects	lec	ex	lab	sem (	ects
1	Graduate Seminar		120				120				2	5				2	5				2	8				2	8
2	Mathematical Analysis II	1	60	30	30			2	2			7															
3	Analytic Functions I	1	60	30	30			2	2			5															
4	Differential Geometry	1	60	30	30			2	2			5															
5	Psychological Training for Teachers (II, III and IV Stage of Education)		30		30				2			2															
6	Pedagogical Training for Teachers (II, III and IV Stage of Education)		30		30				2			1															
7	English (B2+)		30		30				2			2															
8	Education and Childcare Practice on II-IV Stage of Education											2															
9	Intellectual Property Protection and Copyright Law		5	5				0,33				1															
10	Module: Deeper Preparation for Teachers		30										2				2										
11	Module: Deeper Preparation for Teachers		30										2				2										
12	Functional Analysis I	2	60	30	30								2	2			5										
13	Module: Computable Methods	2	60	30		30							2		2		5										
14	Facultative Course	2	60	30	30								2	2			5										
	Practical Teaching of Mathematics 1 - III Stage of Education		60			60									4		4										
16	Didactics of Mathematics - III Stage of Education		30		30									2			2										
17	Didactics of Mathematics - III and IV Stage of Education	3	30	30														2				2					
18	Didactics of Mathematics – IV Stage of Education		30		30														2			2					
19	Elementary Geometry	3	60	30	30													2	2			4					
20	Elementary Functions	3	60	30	30													2	2			4					

21	Facultative Course	3	60	30	30													2	2			5						
	Basics of Micro Entrepreneurship		30	15	15													1	1			2						
23	Practical Teaching of Mathematics 1 – IV Stage of Education		30			30														2		3						
24	Facultative Course	4	60	30	30																		2	2			5	
	Preparation of Graduation Thesis																										12	
26	Practical Teaching of Mathematics 2 (30 hours)																										5	
	Total		1085	350	435	120	120	6,33	12		2	30	10	6	6	2	30	9	9	2	2	30	2	2		2	30	
								20,3					24						22					6				
	Number of Exams							3					3						4					1				

credits are awarded based on continous assessment

course choosen due to specialization

credits are awarded based on mark

## Students, who have no qualifications for teaching on II stage of education, besides the above courses should also additionally pass courses marked by a symbol \*

No		Exams after Semester										Go	dziny	zajęć													
					includ	ing:	I Year										II Year										
	Course title						semin ars	1 sem					2 sem 15 weeks						3 sem				4 sem				
			Total	lectures	ex.	labs			15 weeks										15 weeks								
								lec	ex	lab	sem	ects	lec	ex	lab	sem	ects	lec	ex	lab	sem	ects	lec	ex	lab	sem	ects
1	Psychology*	2	45	15	30								1	2			3									$\square$	
2	Pedagogics*	2	45	15	30								1	2			2										
3	Dydactics of Mathematics – II Stage of Education*		30		30									2			3										
5	Basics of Didactics*		30		30									2			2										
4	Practical Teaching of Mathematics 1– II Stage of Education*		30			30																			2		2
6	Voice Production*		30		30																			2			2
	Total		210	30	150	30	0						2	8			10							2	2		4
								0					10						0					4			
	Number of Exams							0						2			0					0					