Faculty of Science and Tchnology / Minor Classification List

	Graduate hool	Dej	partment/Major	,	Major Classification		Minor Classification
						11	Series X (Humanities) Art
						12	Series X (Humanities) History
						13	Series X (Humanities) Literature
						14	Series X (Humanities) Area Studies
						15	Series X (Humanities) Philosophy, Logic, and Ethics
						16	Series X (Humanities) Linguistics
						21	Series X (Social Sciences) Social Sciences
						22	Series X (Social Sciences) Law/Political Science
						23	Series X (Social Sciences) Natural Sciences
				1	GENERAL EDUCATION	31	Series X (Interdisciplinary) Skills in the Liberal Arts
				1	COURSE	32	Series X (Interdisciplinary) Small-Group Seminar
						41	Series Y (Natural Sciences/Seminar/Other) Natural Sciences
	S					42	Series Y (Natural Sciences/Seminar/Other) Small-Group Seminar
	C					51	Yagami Courses Art
						52	Yagami Courses Philosophy, Logic, and Ethics
	1					53	Yagami Courses Linguistics
	E					54	Yagami Courses Social Sciences
	N					55	Yagami Courses Law/Political Science
	С					56	Yagami Courses Natural Sciences
	E					57	Yagami Courses Small-Group Seminar
						10	English Required Subject
	A					11	English Series Y
	N					12	English Yagami Courses
FST	D	ST				20	German Required Subject
		0.				21	German Series Y
	-					22	German Yagami Courses
	T					30	French Required Subject
	С					31	French Series Y
	Н					32	French Yagami Courses
	N					40	Russian Required Subject
	0			2	LANGUAGE	41	Russian Series Y
	L					42	Russian Yagami Courses
	0					50	Chinese Required Subject
	G					51	Chinese Series Y
	Y					52	Chinese Yagami Courses
						60	Korean Required Subject
						61	Korean Series Y
						62	Korean Yagami Courses
						70	Other Languages Required Subject
						71	Other Languages Series Y
						72	Other Languages Yagami Courses
						10	Laboratory in Science
						20	Mathematics 1A - 4B
				1 -	FOUNDATIONAL	30	Physics A - D
				3	COURSE	40	Chemistry A - D
						50	Introduction to Biology
						60	Introduction to Informatics
		1	1	1	1	70	Introduction to Science and Technology

Faculty of Science and Tchnology / Minor Classification List

aculty/Graduate School	Dep	partment/Major	Major Classification		Minor Classification			
					01	General Science and Technology and Mechanical Engineering Learning Level		
					02	General Science and Technology and Mechanical Engineering Learning Level  General Science and Technology and Mechanical Engineering Learning Level		
					04	General Science and Technology and Mechanical Engineering Learning Level		
					05	General Science and Technology and Mechanical Engineering Learning Level		
					11 12	Mathematics Learning Level 1  Mathematics Learning Level 2		
					13	Mathematics Learning Level 3		
					14	Mathematics Learning Level 4		
					15 21	Mathematics Learning Level 5 Physics Learning Level 1		
					22	Physics Learning Level 2		
					23	Physics Learning Level 3		
					24 25	Physics Learning Level 4 Physics Learning Level 5		
					31	Engineering Materials/Strength of Materials Learning Level 1		
					32	Engineering Materials/Strength of Materials Learning Level 2  Engineering Materials/Strength of Materials Learning Level 3		
					33 34	Engineering Materials/Strength of Materials Learning Level 3  Engineering Materials/Strength of Materials Learning Level 4		
					35	Engineering Materials/Strength of Materials Learning Level 5		
					41	Dynamics of Macines Learning Level 1  Dynamics of Macines Learning Level 2		
					43	Dynamics of Macines Learning Level 2  Dynamics of Macines Learning Level 3		
					44	Dynamics of Macines Learning Level 4		
			4	BASIC MAJOR COURSES	45 51	Dynamics of Macines Learning Level 5 Thermodynamics Learning Level 1		
				COURSES	52	Thermodynamics Learning Level 1  Thermodynamics Learning Level 2		
					53	Thermodynamics Learning Level 3		
					54	Thermodynamics Learning Level 4  Thermodynamics Learning Level 5		
					55 61	Thermodynamics Learning Level 5 Fluid Mechanics Learning Level 1		
					62	Fluid Mechanics Learning Level 2		
					63 64	Fluid Mechanics Learning Level 3		
					65	Fluid Mechanics Learning Level 4 Fluid Mechanics Learning Level 5		
					71	Design and Materials Processing Learning Level 1		
					72 73	Design and Materials Processing Learning Level 2		
					74	Design and Materials Processing Learning Level 3  Design and Materials Processing Learning Level 4		
S C					75	Design and Materials Processing Learning Level 5		
1					81 82	Computational Mechanics Learning Level 1  Computational Mechanics Learning Level 2		
E					83	Computational Mechanics Learning Level 2  Computational Mechanics Learning Level 3		
N					84	Computational Mechanics Learning Level 4		
С					85	Computational Mechanics Learning Level 5		
E					91 92	Applied Physics and Engineering Learning Level 1 Applied Physics and Engineering Learning Level 2		
A					93	Applied Physics and Engineering Learning Level 3		
N		MECHANICAL			94 95	Applied Physics and Engineering Learning Level 4 Applied Physics and Engineering Learning Level 5		
ST D	ME	ENGINEERING			95	Applied Physics and Engineering Learning Level 5  General Science and Technology and Mechanical Engineering Learning Level		
т					02	General Science and Technology and Mechanical Engineering Learning Level		
c					03	General Science and Technology and Mechanical Engineering Learning Level		
Н					05	General Science and Technology and Mechanical Engineering Learning Leve  General Science and Technology and Mechanical Engineering Learning Leve		
N					11	Mathematics Learning Level 1		
0					12 13	Mathematics Learning Level 2  Mathematics Learning Level 3		
L O					14	Mathematics Learning Level 3  Mathematics Learning Level 4		
G					15	Mathematics Learning Level 5		
Υ					21	Physics Learning Level 1		
					23	Physics Learning Level 2 Physics Learning Level 3		
					24	Physics Learning Level 4		
					25 31	Physics Learning Level 5 Engineering Materials/Strength of Materials Learning Level 1		
					32	Engineering Materials/Strength of Materials Learning Level 1  Engineering Materials/Strength of Materials Learning Level 2		
					33	Engineering Materials/Strength of Materials Learning Level 3		
					34 35	Engineering Materials/Strength of Materials Learning Level 4  Engineering Materials/Strength of Materials Learning Level 5		
					41	Dynamics of Macines Learning Level 1		
					42	Dynamics of Macines Learning Level 2		
					43	Dynamics of Macines Learning Level 3  Dynamics of Macines Learning Level 4		
			5	ADVANCED MAJOR	45	Dynamics of Macines Learning Level 4  Dynamics of Macines Learning Level 5		
			5	COURSES	51	Thermodynamics Learning Level 1		
					52 53	Thermodynamics Learning Level 2 Thermodynamics Learning Level 3		
					54	Thermodynamics Learning Level 3 Thermodynamics Learning Level 4		
					55	Thermodynamics Learning Level 5		
					61 62	Fluid Mechanics Learning Level 1 Fluid Mechanics Learning Level 2		
					63	Fluid Mechanics Learning Level 2 Fluid Mechanics Learning Level 3		
					64	Fluid Mechanics Learning Level 4		
					65 71	Fluid Mechanics Learning Level 5		
					71 72	Design and Materials Processing Learning Level 1  Design and Materials Processing Learning Level 2		
					73	Design and Materials Processing Learning Level 3		
					74	Design and Materials Processing Learning Level 4		
					75 81	Design and Materials Processing Learning Level 5  Computational Mechanics Learning Level 1		
					82	Computational Mechanics Learning Level 1  Computational Mechanics Learning Level 2		
					83	Computational Mechanics Learning Level 3		
					84	Computational Mechanics Learning Level 4		
					85 91	Computational Mechanics Learning Level 5 Applied Physics and Engineering Learning Level 1		
				1				
					92	Applied Physics and Engineering Learning Level 2		
					92 93 94	Applied Physics and Engineering Learning Level 2  Applied Physics and Engineering Learning Level 3  Applied Physics and Engineering Learning Level 4		

Faculty of Science and Tchnology / Minor Classification List

aculty/Gradu School	Late .	Dep	artment/Major	Major Classification		Minor Classification		
				3	FOUNDATIONAL	80	Department Designated Course	
					COURSE	01	General Science and Technology, Electronic Data Engineering Learning Level	
						02	General Science and Technology, Electronic Data Engineering Learning Level	
						03	General Science and Technology, Electronic Data Engineering Learning Level	
						04	General Science and Technology, Electronic Data Engineering Learning Level	
						05	General Science and Technology, Electronic Data Engineering Learning Level	
						11	Electrical Engineering Learning Level 1	
						12 13	Electrical Engineering Learning Level 2 Electrical Engineering Learning Level 3	
						14	Electrical Engineering Learning Level 3	
						15	Electrical Engineering Learning Level 5	
						21	Mathematics Learning Level 1	
						22	Mathematics Learning Level 2	
						23	Mathematics Learning Level 3	
						24	Mathematics Learning Level 4	
						25	Mathematics Learning Level 5	
						31 32	Physics Learning Level 1 Physics Learning Level 2	
						33	Physics Learning Level 2	
						34	Physics Learning Level 4	
						35	Physics Learning Level 5	
						41	Materials Engineering/Electronics Learning Level 1	
					BASIC MAJOR	42	Materials Engineering/Electronics Learning Level 2	
				4	COURSES	43	Materials Engineering/Electronics Learning Level 3	
						44 45	Materials Engineering/Electronics Learning Level 4	
							Materials Engineering/Electronics Learning Level 5	
						51 52	Information Engineering Learning Level 1 Information Engineering Learning Level 2	
						53	Information Engineering Learning Level 2	
						54	Information Engineering Learning Level 4	
						55	Information Engineering Learning Level 5	
						61	Photonics Learning Level 1	
						62	Photonics Learning Level 2	
S						63	Photonics Learning Level 3	
С	:					64	Photonics Learning Level 4	
1						65	Photonics Learning Level 5	
E						71 72	Circuits/Lsi Learning Level 1 Circuits/Lsi Learning Level 2	
N						73	Circuits/Lsi Learning Level 2	
С	:					74	Circuits/Lsi Learning Level 4	
E						75	Circuits/Lsi Learning Level 5	
						81	Programming Learning Level 1	
A						82	Programming Learning Level 2	
N			ELECTRONICS			83	Programming Learning Level 3	
ST D		EE	AND ELECTRICAL			84	Programming Learning Level 4	
			ENGINEERING			85	Programming Learning Level 5	
т	.					01	General Science and Technology, Electronic Data Engineering Learning Leve General Science and Technology, Electronic Data Engineering Learning Leve	
С	:					02	General Science and Technology, Electronic Data Engineering Learning Leve General Science and Technology, Electronic Data Engineering Learning Leve	
Н						04	General Science and Technology, Electronic Data Engineering Learning Leve	
N						05	General Science and Technology, Electronic Data Engineering Learning Level	
0	,					11	Electrical Engineering Learning Level 1	
L	.					12	Electrical Engineering Learning Level 2	
0	,					13	Electrical Engineering Learning Level 3	
G						14	Electrical Engineering Learning Level 4	
Y	.					15	Electrical Engineering Learning Level 5	
						21	Mathematics Learning Level 1	
						22	Mathematics Learning Level 2  Mathematics Learning Level 3	
						23	Mathematics Learning Level 3  Mathematics Learning Level 4	
						25	Mathematics Learning Level 5	
						31	Physics Learning Level 1	
						32	Physics Learning Level 2	
						33	Physics Learning Level 3	
						34	Physics Learning Level 4	
						35	Physics Learning Level 5	
						41	Materials Engineering/Electronics Learning Level 1	
				5	ADVANCED MAJOR	42	Materials Engineering/Electronics Learning Level 2	
				0	COURSES	43	Materials Engineering/Electronics Learning Level 3	
						44	Materials Engineering/Electronics Learning Level 4  Materials Engineering/Electronics Learning Level 5	
						51	Information Engineering Learning Level 1	
						52	Information Engineering Learning Level 2	
						53	Information Engineering Learning Level 3	
						54	Information Engineering Learning Level 4	
						55	Information Engineering Learning Level 5	
						61	Photonics Learning Level 1	
						62	Photonics Learning Level 2	
						63	Photonics Learning Level 3	
						64	Photonics Learning Level 4	
						65	Photonics Learning Level 5	
						71	Circuits/Lsi Learning Level 1	
						72	Circuits/Lsi Learning Level 2	
						73 74	Circuits/Lsi Learning Level 3 Circuits/Lsi Learning Level 4	
						75	Circuits/Lsi Learning Level 4  Circuits/Lsi Learning Level 5	
						81	Programming Learning Level 1	
						82	Programming Learning Level 2	
						83	Programming Learning Level 3	
						84	Programming Learning Level 4	
	- 1							

Faculty of Science and Tchnology / Minor Classification List

aculty/Graduate School	Dep	partment/Major	N	Major Classification		Minor Classification			
1		I			10	Applied Chemistry Basic Education Required Subject Course Categories			
					11	Applied Chemistry Basic Education Required Subject Course Categories Common Lecture Cou			
					12	Applied Chemistry Basic Education Required Subject Course Categories Material Des			
					13	Applied Chemistry Basic Education Required Subject Course Categories			
					14	Applied Chemistry Basic Education Required Subject Course Categories Organic Scie			
					15	Applied Chemistry Basic Education Required Subject Course Categories Bioscience and High Poly			
					20	Applied Crieffins by Basic Education Required Subject Course Categories - Bioscience and Fight Port Applied Chemistry Basic Education Elective Subject Course Categories - Experiment and Practical Training C			
					21	Applied Chemistry Basic Education Elective Subject Course Categories Common Lecture Cou Applied Chemistry Basic Education Elective Subject Course Categories Material Dr			
						, ,			
					23	Applied Chemistry Basic Education Elective Subject Course Categories Environment/Analysis/Chemical Engine			
					24	Applied Chemistry Basic Education Elective Subject Course Categories Organic Sc			
					25	Applied Chemistry Basic Education Elective Subject Course Categories Bioscience and High Poly			
					30	Applied Chemistry Elective Course Categories			
					31	Applied Chemistry Elective Course Categories Common Lecture Courses			
			4	BASIC MAJOR	32	Applied Chemistry Elective Course Categories Material Design			
			-	COURSES	33	Applied Chemistry Elective Course Categories			
					34	Applied Chemistry Elective Course Categories Organic Science			
					35	Applied Chemistry Elective Course Categories Bioscience and High Polyme			
s					40	Applied Chemistry and Mathematics Course Categories Experiment and Practical Training Co			
-					41	Applied Chemistry and Mathematics Course Categories Common Lecture Co.			
С					42	Applied Chemistry and Mathematics Course Categories Material Design			
1					43	Applied Chemistry and Mathematics Course Categories Environment/Analysis/Chemical Engin			
E					44	Applied Chemistry and Mathematics Course Categories Organic Science			
N					45	Applied Chemistry and Mathematics Course Categories Bioscience and High Poly			
С					50	Applied Chemistry Career Course Categories Experiment and Practical Training Co			
E					51	Applied Chemistry Career Course Categories Common Lecture Courses			
					52	Applied Chemistry Career Course Categories Common Lecture Courses  Applied Chemistry Career Course Categories Material Design			
					53				
A						Applied Chemistry Career Course Categories Environment/Analysis/Chemical Engine			
N					54	Applied Chemistry Career Course Categories Organic Science			
ST D	AC	APPLIED			55	Applied Chemistry Career Course Categories Bioscience and High Polyme			
		CHEMISTRY			10	Applied Chemistry Basic Education Required Subject Course Categories Experiment and Practical Training Co			
т.					11	Applied Chemistry Basic Education Required Subject Course Categories Common Lecture Co			
C					12	Applied Chemistry Basic Education Required Subject Course Categories Material De			
-					13	Applied Chemistry Basic Education Required Subject Course Categories			
Н					14	Applied Chemistry Basic Education Required Subject Course Categories Organic Science			
N					15	Applied Chemistry Basic Education Required Subject Course Categories Bioscience and High Pol			
0					20	Applied Chemistry Basic Education Elective Subject Course Categories			
L					21	Applied Chemistry Basic Education Elective Subject Course Categories Common Lecture Cou			
0					22	Applied Chemistry Basic Education Elective Subject Course Categories Material D			
6					23	Applied Chemistry Basic Education Elective Subject Course Categories Environment/Analysis/Chemical Engin			
G					24	Applied Chemistry Basic Education Elective Subject Course Categories Organic Sc			
Y					25	Applied Chemistry Basic Education Elective Subject Course Categories Bioscience and High Poly			
					30	Applied Chemistry Elective Course Categories    Experiment and Practical Training C			
					31	Applied Chemistry Elective Course Categories Common Lecture Courses			
				ADVANCED MAJOR	32	Applied Chemistry Elective Course Categories			
			5	COURSES	33	Applied Chemistry Elective Course Categories   waterial Design Applied Chemistry Elective Course Categories   Environment/Analysis/Chemical Engine			
				COURSES	34				
						Applied Chemistry Elective Course Categories Organic Science			
					35	Applied Chemistry Elective Course Categories Bioscience and High Polyme			
			1		40	Applied Chemistry and Mathematics Course Categories			
			1		41	Applied Chemistry and Mathematics Course Categories Common Lecture Co			
			1		42	Applied Chemistry and Mathematics Course Categories Material Design			
			1		43	Applied Chemistry and Mathematics Course Categories			
			1		44	Applied Chemistry and Mathematics Course Categories Organic Science			
			1		45	Applied Chemistry and Mathematics Course Categories Bioscience and High Poly			
			1		50	Applied Chemistry Career Course Categories Experiment and Practical Training Co			
			1		51	Applied Chemistry Career Course Categories Common Lecture Courses			
			1		52	Applied Chemistry Career Course Categories Material Design			
			1		53	Applied Chemistry Career Course Categories Environment/Analysis/Chemical Engine			
		1	1		54	Applied Chemistry Career Course Categories Organic Science			

Faculty of Science and Tchnology / Minor Classification List

	De	partment/Major	N	Major Classification	Minor Classification			
					01	General Natural Sciences Learning Level 1		
		1			02	General Natural Sciences Learning Level 2 General Natural Sciences Learning Level 3		
					03	General Natural Sciences Learning Level 3  General Natural Sciences Learning Level 4		
					05	General Natural Sciences Learning Level 5		
					11	General Mathematics Learning Level 1		
					12	General Mathematics Learning Level 2		
					13	General Mathematics Learning Level 3 General Mathematics Learning Level 4		
					15	General Mathematics Learning Level 5		
					21	Electrical, Instrumentation, and Control Engineering Learning Level 1		
					22	Electrical, Instrumentation, and Control Engineering Learning Level 2 Electrical, Instrumentation, and Control Engineering Learning Level 3		
					24	Electrical, Instrumentation, and Control Engineering Learning Level 3  Electrical, Instrumentation, and Control Engineering Learning Level 4		
					25	Electrical, Instrumentation, and Control Engineering Learning Level 5		
					31	General Physics Learning Level 1		
					32	General Physics Learning Level 2		
					33	General Physics Learning Level 3  General Physics Learning Level 4		
				BASIC MAJOR	35	General Physics Learning Level 5		
			4	COURSES	41	Electromagnetism and Optics Learning Level 1		
		1			42	Electromagnetism and Optics Learning Level 2		
					43	Electromagnetism and Optics Learning Level 3		
		1			45	Electromagnetism and Optics Learning Level 4  Electromagnetism and Optics Learning Level 5		
		1			51	Quantum and Solid State Physics Learning Level 1		
		1			52	Quantum and Solid State Physics Learning Level 2		
		1			53 54	Quantum and Solid State Physics Learning Level 3 Quantum and Solid State Physics Learning Level 4		
S					55	Quantum and Solid State Physics Learning Level 4  Quantum and Solid State Physics Learning Level 5		
С					61	Applied Physics Learning Level 1		
I F					62	Applied Physics Learning Level 2		
N N					63 64	Applied Physics Learning Level 3		
C					65	Applied Physics Learning Level 4  Applied Physics Learning Level 5		
E					71	Computer Science and Information Engineering Learning Level 1		
					72	Computer Science and Information Engineering Learning Level 2		
A					73	Computer Science and Information Engineering Learning Level 3		
N		APPLIED PHYSICS			74 75	Computer Science and Information Engineering Learning Level 4		
T D	AP	AND PHYSICO-			75 01	Computer Science and Information Engineering Learning Level 5  General Natural Sciences Learning Level 1		
		INFORMATICS			02	General Natural Sciences Learning Level 2		
T					03	General Natural Sciences Learning Level 3		
C					04	General Natural Sciences Learning Level 4		
N					05 11	General Natural Sciences Learning Level 5 General Mathematics Learning Level 1		
0					12	General Mathematics Learning Level 2		
L					13	General Mathematics Learning Level 3		
0					14	General Mathematics Learning Level 4		
G					15 21	General Mathematics Learning Level 5		
Y					22	Electrical, Instrumentation, and Control Engineering Learning Level 1 Electrical, Instrumentation, and Control Engineering Learning Level 2		
					23	Electrical, Instrumentation, and Control Engineering Learning Level 3		
					24	Electrical, Instrumentation, and Control Engineering Learning Level 4		
					25	Electrical, Instrumentation, and Control Engineering Learning Level 5		
					31 32	General Physics Learning Level 1		
					33	General Physics Learning Level 2 General Physics Learning Level 3		
		1			34	General Physics Learning Level 4		
			5	ADVANCED MAJOR	35	General Physics Learning Level 5		
				COURSES	41	Electromagnetism and Optics Learning Level 1		
					42	Electromagnetism and Optics Learning Level 2  Electromagnetism and Optics Learning Level 3		
					44	Electromagnetism and Optics Learning Level 4		
		1			45	Electromagnetism and Optics Learning Level 5		
		1			51	Quantum and Solid State Physics Learning Level 1		
		1			52 53	Quantum and Solid State Physics Learning Level 2 Quantum and Solid State Physics Learning Level 3		
1		1			53	Quantum and Solid State Physics Learning Level 3  Quantum and Solid State Physics Learning Level 4		
		1			55	Quantum and Solid State Physics Learning Level 5		
		1			61	Applied Physics Learning Level 1		
	1	1			62	Applied Physics Learning Level 2		
		1			63	Applied Physics Learning Level 3		
					64			
					65	Applied Physics Learning Level 4		
					65 71	Applied Physics Learning Level 5		
					71	Applied Physics Learning Level 5  Computer Science and Information Engineering Learning Level 1		

Faculty of Science and Tchnology / Minor Classification List

	/Graduate chool	Dej	partment/Major	N	Major Classification		Minor Classification
						10	Required Subject Second Year-Level Course
						20	Information Science Second Year-Level Course
						30	Statistics Second Year-Level Course
				4	BASIC MAJOR	40	Operations Research Second Year-Level Course
	S			*	COURSES	50	Management and Economics Second Year-Level Course
	C					60	Human Factors and Ergonomics Second Year-Level Course
						70	Industrial Engineering Second Year-Level Course
	- 1					80	Other Second Year-Level Course
	E					11	Required Subject Third Year-Level Spring Course
	N					12	Required Subject Third Year-Level Fall Course
	C					13	Required Subject Fourth Year-Level Course
	E					21	Information Science Third Year-Level Spring Course
						22	Information Science Third Year-Level Fall Course
	A					23	Information Science Fourth Year-Level Course
	N		INDUSTRIAL AND			31	Statistics Third Year-Level Spring Course
FST	D	IS	SYSTEMS			32	Statistics Third Year-Level Fall Course
131		13	FNGINFFRING			33	Statistics Fourth Year-Level Course
	_		ENGINEERING			41	Operations Research Third Year-Level Spring Course
	T					42	Operations Research Third Year-Level Fall Course
	С			5	ADVANCED MAJOR	43	Operations Research Fourth Year-Level Course
	Н			5	COURSES	51	Management and Economics Third Year-Level Spring Course
	N					52	Management and Economics Third Year-Level Fall Course
	0					53	Management and Economics Fourth Year-Level Course
	L					61	Human Factors and Ergonomics Third Year-Level Spring Course
	0					62	Human Factors and Ergonomics Third Year-Level Fall Course
	G					63	Human Factors and Ergonomics Fourth Year-Level Course
	Y					71	Industrial Engineering Third Year-Level Spring Course
						72	Industrial Engineering Third Year-Level Fall Course
						73	Industrial Engineering Fourth Year-Level Course
						81	Other Third Year-Level Spring Course
						82	Other Third Year-Level Fall Course
					l	83	Other Fourth Year-Level Course

Faculty of Science and Tchnology / Minor Classification List

Scho	iraduate ool	Dep	partment/Major	N	Major Classification		Minor Classification
						01	Algebra Learning Level 1
						02	Algebra Learning Level 2
						03 04	Algebra Learning Level 3  Algebra Learning Level 4
						05	Algebra Learning Level 4  Algebra Learning Level 5
						06	Algebra Learning Level 6
						07	Algebra Learning Level 7
						11	Computer Science Learning Level 1
						12	Computer Science Learning Level 2 Computer Science Learning Level 3
						14	Computer Science Learning Level 4
						15	Computer Science Learning Level 5
						16	Computer Science Learning Level 6
						17	Computer Science Learning Level 7
						21 22	Probability and Statistics Learning Level 1 Probability and Statistics Learning Level 2
						23	Probability and Statistics Learning Level 3
						24	Probability and Statistics Learning Level 4
						25	Probability and Statistics Learning Level 5
					BASIC MAJOR	26 27	Probability and Statistics Learning Level 6 Probability and Statistics Learning Level 7
				4	COURSES	31	Analysis Learning Level 1
						32	Analysis Learning Level 2
						33	Analysis Learning Level 3
						34	Analysis Learning Level 4
						35 36	Analysis Learning Level 5
						37	Analysis Learning Level 6 Analysis Learning Level 7
						41	General Mathematics Learning Level 1
						42	General Mathematics Learning Level 2
	S					43	General Mathematics Learning Level 3
	C					44	General Mathematics Learning Level 4 General Mathematics Learning Level 5
	1					46	General Mathematics Learning Level 6
	E					47	General Mathematics Learning Level 7
	N					51	General Natural Sciences Learning Level 1 General Natural Sciences Learning Level 2
	C					52	
	Е					53 54	General Natural Sciences Learning Level 3
	A					55	General Natural Sciences Learning Level 4 General Natural Sciences Learning Level 5
	N N					56	General Natural Sciences Learning Level 6
т	D	MA	MATHEMATICS			57	General Natural Sciences Learning Level 7
"	-		WATTIEWATTIOO			01	Algebra Learning Level 1
	T					02	Algebra Learning Level 2  Algebra Learning Level 3
	C					04	Algebra Learning Level 4
	Н					05	Algebra Learning Level 4 Algebra Learning Level 5
	N					06	Algebra Learning Level 6
	0					07 11	Algebra Learning Level 7
	L					12	Computer Science Learning Level 1 Computer Science Learning Level 2
	0					13	Computer Science Learning Level 2
	v					14	Computer Science Learning Level 4
						15	Computer Science Learning Level 5
						16	Computer Science Learning Level 6
						17 21	Computer Science Learning Level 7 Probability and Statistics Learning Level 1
						22	Probability and Statistics Learning Level 2
						23	Probability and Statistics Learning Level 3 Probability and Statistics Learning Level 4
						24	Probability and Statistics Learning Level 4
						25 26	Probability and Statistics Learning Level 5
					ADVANCED MAJOR	26	Probability and Statistics Learning Level 6 Probability and Statistics Learning Level 7
				5	COURSES	31	Analysis Learning Level 1
						32	Analysis Learning Level 2
						33	Analysis Learning Level 3
						34 35	Analysis Learning Level 4
						35 36	Analysis Learning Level 5 Analysis Learning Level 6
						37	Analysis Learning Level 6  Analysis Learning Level 7
						41	General Mathematics Learning Level 1
						42	General Mathematics Learning Level 2
						43	General Mathematics Learning Level 3
						44	General Mathematics Learning Level 4
						46	General Mathematics Learning Level 5 General Mathematics Learning Level 6
						47	General Mathematics Learning Level 7
						51	General Natural Sciences Learning Level 1
						52 53	General Natural Sciences Learning Level 2
						53 54	General Natural Sciences Learning Level 3 General Natural Sciences Learning Level 4
						55	General Natural Sciences   Learning Level 5
						55 56	General Natural Sciences Learning Level 5 General Natural Sciences Learning Level 6

School		partment/Major	N.	Major Classification	L	Minor Classification
					01 02	General Physics and Natural Sciences Learning Level 1 General Physics and Natural Sciences Learning Level 2
					03	General Physics and Natural Sciences Learning Level 3
					04 05	General Physics and Natural Sciences Learning Level 4 General Physics and Natural Sciences Learning Level 5
					06	General Physics and Natural Sciences Learning Level 6
					12	Mathematics Learning Level 1 Mathematics Learning Level 2
					13 14	Mathematics Learning Level 3  Mathematics Learning Level 4
					15	Mathematics Learning Level 5
					21	Mathematics Learning Level 6 Dynamics Learning Level 1
					22 23	Dynamics Learning Level 2 Dynamics Learning Level 3
					24	Dynamics Learning Level 4
					25 26	Dynamics Learning Level 5 Dynamics Learning Level 6
					31 32	Electromagnetism Learning Level 1 Electromagnetism Learning Level 2
					33	Electromagnetism Learning Level 3
					34 35	Electromagnetism Learning Level 4  Electromagnetism Learning Level 5
					36 41	Electromagnetism Learning Level 6
					42	Thermal Statistical Physics Learning Level 1 Thermal Statistical Physics Learning Level 2
					43 44	Thermal Statistical Physics Learning Level 3 Thermal Statistical Physics Learning Level 4
				BACICAAAIOD	45	Thermal Statistical Physics Learning Level 5
			4	BASIC MAJOR COURSES	46 51	Thermal Statistical Physics Learning Level 6  Quantum Mechanics Learning Level 1
					52 53	Quantum Mechanics Learning Level 2  Quantum Mechanics Learning Level 3
					54	Quantum Mechanics Learning Level 4
					55 56	Quantum Mechanics Learning Level 5 Quantum Mechanics Learning Level 6
					61	Computational Physics Learning Level 1
					63	Computational Physics Learning Level 2 Computational Physics Learning Level 3
					64 65	Computational Physics Learning Level 4 Computational Physics Learning Level 5
					66	Computational Physics Learning Level 6
					71 72	Developmental Physics Learning Level 1 Developmental Physics Learning Level 2
					73 74	Developmental Physics Learning Level 3  Developmental Physics Learning Level 4
					75	Developmental Physics Learning Level 5
_					76 81	Developmental Physics Learning Level 6 Applied Physics and Engineering Learning Level 1
S C					82	Applied Physics and Engineering Learning Level 2
1					83 84	Applied Physics and Engineering Learning Level 3 Applied Physics and Engineering Learning Level 4
E N					85 86	Applied Physics and Engineering Learning Level 5 Applied Physics and Engineering Learning Level 6
С					91	Chemistry Learning Level 1
E					92 93	Chemistry Learning Level 2 Chemistry Learning Level 3
A					94 95	Chemistry Learning Level 4 Chemistry Learning Level 5
N T D	PH	PHYSICS	L_		96	Chemistry Learning Level 6
					01	General Physics and Natural Sciences Learning Level 1 General Physics and Natural Sciences Learning Level 2
T C					03	General Physics and Natural Sciences Learning Level 3 General Physics and Natural Sciences Learning Level 4
Н					05	General Physics and Natural Sciences Learning Level 5
N 0					06 11	General Physics and Natural Sciences Learning Level 6  Mathematics Learning Level 1
L					12 13	Mathematics Learning Level 2  Mathematics Learning Level 3
O G					14	Mathematics Learning Level 4
Y					15 16	Mathematics Learning Level 5 Mathematics Learning Level 6
					21	Dynamics Learning Level 1
					23	Dynamics Learning Level 2 Dynamics Learning Level 3
					24 25	Dynamics Learning Level 4  Dynamics Learning Level 5
					26	Dynamics Learning Level 6
					31	Electromagnetism Learning Level 1  Electromagnetism Learning Level 2
					33	Electromagnetism Learning Level 3
					35	Electromagnetism Learning Level 5
					36 41	Electromagnetism Learning Level 6 Thermal Statistical Physics Learning Level 1
					42	Thermal Statistical Physics Learning Level 2
					44	Thermal Statistical Physics Learning Level 3 Thermal Statistical Physics Learning Level 4
				ADVANCED MAJOR	45 46	Thermal Statistical Physics Learning Level 5 Thermal Statistical Physics Learning Level 6
			5	COURSES	51	Quantum Mechanics Learning Level 1
					52 53	Quantum Mechanics Learning Level 2  Quantum Mechanics Learning Level 3
					54	Quantum Mechanics Learning Level 4
					55 56	Quantum Mechanics Learning Level 5 Quantum Mechanics Learning Level 6
					61 62	Computational Physics Learning Level 1  Computational Physics Learning Level 2
					63	Computational Physics Learning Level 3
					64 65	Computational Physics Learning Level 4  Computational Physics Learning Level 5
					66	Computational Physics Learning Level 6
					71 72	Developmental Physics Learning Level 1 Developmental Physics Learning Level 2
					73 74	Developmental Physics Learning Level 3  Developmental Physics Learning Level 4
					75	Developmental Physics Learning Level 5
					76 81	Developmental Physics Learning Level 6 Applied Physics and Engineering Learning Level 1
					82	Applied Physics and Engineering Learning Level 2
					83	Applied Physics and Engineering Learning Level 3 Applied Physics and Engineering Learning Level 4
					85 86	Applied Physics and Engineering Learning Level 5 Applied Physics and Engineering Learning Level 6
					91	Chemistry Learning Level 1
					92 93	Chemistry Learning Level 2 Chemistry Learning Level 3
1					94	Chemistry Learning Level 4
					95	Chemistry Learning Level 5

	Graduate hool	Dep	artment/Major	N	lajor Classification		Minor Classification
						01 02	General Natural Sciences Learning Level 1 General Natural Sciences Learning Level 2
						03	General Natural Sciences Learning Level 2  General Natural Sciences Learning Level 3
						04	General Natural Sciences Learning Level 4
						05 06	General Natural Sciences Learning Level 5 General Natural Sciences Learning Level 6
						11	General Chemistry Learning Level 1
						12	General Chemistry Learning Level 2
						13	General Chemistry Learning Level 3  General Chemistry Learning Level 4
						15	General Chemistry Learning Level 5
						16	General Chemistry Learning Level 6
						21	Physical and Theoretical Chemistry Learning Level 1 Physical and Theoretical Chemistry Learning Level 2
						23	Physical and Theoretical Chemistry Learning Level 3
						24	Physical and Theoretical Chemistry Learning Level 4
						25 26	Physical and Theoretical Chemistry Learning Level 5 Physical and Theoretical Chemistry Learning Level 6
						31	Inorganic and Analytical Chemistry Learning Level 1
						32	Inorganic and Analytical Chemistry Learning Level 2
						33	Inorganic and Analytical Chemistry Learning Level 3 Inorganic and Analytical Chemistry Learning Level 4
						35	Inorganic and Analytical Chemistry Learning Level 5
						36	Inorganic and Analytical Chemistry Learning Level 6
						41	Organic Chemistry Learning Level 1 Organic Chemistry Learning Level 2
				4	BASIC MAJOR	43	Organic Chemistry Learning Level 2  Organic Chemistry Learning Level 3
				,	COURSES	44	Organic Chemistry Learning Level 4
						45 46	Organic Chemistry Learning Level 5 Organic Chemistry Learning Level 6
						51	Biological Chemistry Learning Level 1
						52	Biological Chemistry Learning Level 2
						53 54	Biological Chemistry Learning Level 3  Biological Chemistry Learning Level 4
						55	Biological Chemistry Learning Level 4  Biological Chemistry Learning Level 5
						56	Biological Chemistry Learning Level 6
						61	Polymer Chemistry Learning Level 1 Polymer Chemistry Learning Level 2
						63	Polymer Chemistry Learning Level 3
						64	Polymer Chemistry Learning Level 4
						65 66	Polymer Chemistry Learning Level 5 Polymer Chemistry Learning Level 6
	S					71	Physics and Engineering Learning Level 1
	C					72	Physics and Engineering Learning Level 2
	1					73 74	Physics and Engineering Learning Level 3 Physics and Engineering Learning Level 4
	E					75	Physics and Engineering Learning Level 5
	N					76	Physics and Engineering Learning Level 6
	C E					81 82	Mathemiatics and Informatics Learning Level 1  Mathemiatics and Informatics Learning Level 2
	-					83	Mathematics and Informatics Learning Level 2
	Α					84	Mathemiatics and Informatics Learning Level 4
	N					85 86	Mathemiatics and Informatics Learning Level 5  Mathemiatics and Informatics Learning Level 6
ST	D	CH	CHEMISTRY			01	General Natural Sciences Learning Level 1
	Т					02	General Natural Sciences Learning Level 2
	C					03	General Natural Sciences Learning Level 3  General Natural Sciences Learning Level 4
	Н					05	General Natural Sciences Learning Level 5
	N					06	General Natural Sciences Learning Level 6
	0 L					11	General Chemistry Learning Level 1  General Chemistry Learning Level 2
	0					13	General Chemistry Learning Level 3
	G					14	General Chemistry Learning Level 4
	Υ					15 16	General Chemistry Learning Level 5 General Chemistry Learning Level 6
						21	Physical and Theoretical Chemistry Learning Level 1
						22	Physical and Theoretical Chemistry Learning Level 2
						23 24	Physical and Theoretical Chemistry Learning Level 3  Physical and Theoretical Chemistry Learning Level 4
						25	Physical and Theoretical Chemistry Learning Level 4 Physical and Theoretical Chemistry Learning Level 5
						26	Physical and Theoretical Chemistry Learning Level 6
						31 32	Inorganic and Analytical Chemistry Learning Level 1 Inorganic and Analytical Chemistry Learning Level 2
						33	Inorganic and Analytical Chemistry Learning Level 2 Inorganic and Analytical Chemistry Learning Level 3
						34	Inorganic and Analytical Chemistry Learning Level 4
						35 36	Inorganic and Analytical Chemistry Learning Level 5 Inorganic and Analytical Chemistry Learning Level 6
						41	Organic Chemistry Learning Level 6
						42	Organic Chemistry Learning Level 2
				5	ADVANCED MAJOR COURSES	43	Organic Chemistry Learning Level 3 Organic Chemistry Learning Level 4
					SOUNDED	45	Organic Chemistry Learning Level 4 Organic Chemistry Learning Level 5
						46	Organic Chemistry Learning Level 6
						51 52	Biological Chemistry Learning Level 1
						52 53	Biological Chemistry Learning Level 2  Biological Chemistry Learning Level 3
						54	Biological Chemistry Learning Level 4
						55	Biological Chemistry Learning Level 5
						56 61	Biological Chemistry Learning Level 6 Polymer Chemistry Learning Level 1
						62	Polymer Chemistry Learning Level 2
						63	Polymer Chemistry Learning Level 3
						64 65	Polymer Chemistry Learning Level 4 Polymer Chemistry Learning Level 5
						66	Polymer Chemistry Learning Level 6
						71	Physics and Engineering Learning Level 1
						72 73	Physics and Engineering Learning Level 2 Physics and Engineering Learning Level 3
						74	Physics and Engineering Learning Level 3  Physics and Engineering Learning Level 4
						75	Physics and Engineering Learning Level 5
						76 81	Physics and Engineering Learning Level 6
						81 82	Mathemiatics and Informatics Learning Level 1  Mathemiatics and Informatics Learning Level 2
						83	Mathemiatics and Informatics Learning Level 3
				i .		84	Mathemiatics and Informatics Learning Level 4
						85	Mathematics and Informatics Learning Level 4  Mathematics and Informatics Learning Level 5

Faculty of Science and Tchnology / Minor Classification List

	Graduate hool	Dej	partment/Major	N	lajor Classification		Minor Classification
						01	Basic System Design Engineering Learning Level 1
						02	Basic System Design Engineering Learning Level 2
						03	Basic System Design Engineering Learning Level 3
						04	Basic System Design Engineering Learning Level 4
						11	Modeling Learning Level 1
						12	Modeling Learning Level 2
						13	Modeling Learning Level 3
						14	Modeling Learning Level 4
	S					21	Analysis Learning Level 1
	C			4	BASIC MAJOR	22	Analysis Learning Level 2
				*	COURSES	23	Analysis Learning Level 3
	- 1					24	Analysis Learning Level 4
	E					31	Synthesis Learning Level 1
	N					32	Synthesis Learning Level 2
	C					33	Synthesis Learning Level 3
	E					34	Synthesis Learning Level 4
						41	Harmonics Learning Level 1
	A					42	Harmonics Learning Level 2
	N					43	Harmonics Learning Level 3
ST	D	SD	SYSTEM DESIGN			44	Harmonics Learning Level 4
31		30	ENGINEERING			01	Basic System Design Engineering Learning Level 1
	-					02	Basic System Design Engineering Learning Level 2
	T					03	Basic System Design Engineering Learning Level 3
	С					04	Basic System Design Engineering Learning Level 4
	Н					11	Modeling Learning Level 1
	N					12	Modeling Learning Level 2
	0					13	Modeling Learning Level 3
	L					14	Modeling Learning Level 4
	0					21	Analysis Learning Level 1
	G			5	ADVANCED MAJOR	22	Analysis Learning Level 2
	Υ			_	COURSES	23	Analysis Learning Level 3
						24	Analysis Learning Level 4
						31	Synthesis Learning Level 1
						32	Synthesis Learning Level 2
						33	Synthesis Learning Level 3
						34	Synthesis Learning Level 4
						41	Harmonics Learning Level 1
						42	Harmonics Learning Level 2
						43	Harmonics Learning Level 3
			1			44	Harmonics Learning Level 4

Faculty of Science and Tchnology / Minor Classification List

sculty/Graduate School	Dej	partment/Major	N	Major Classification		Minor Classification
					01	General Information Engineering Learning Level 1
					02	General Information Engineering Learning Level 2
					03	General Information Engineering Learning Level 3
					04	General Information Engineering Learning Level 4
					05	General Information Engineering Learning Level 5
					11	Programming and Algorithms Learning Level 1
					12	Programming and Algorithms Learning Level 2
					13	Programming and Algorithms Learning Level 3
					14	Programming and Algorithms Learning Level 4
					15	Programming and Algorithms Learning Level 5
					21	Fundamentals of Informatics Learning Level 1
					22	Fundamentals of Informatics Learning Level 2
					23	Fundamentals of Informatics Learning Level 3
					24	Fundamentals of Informatics Learning Level 4
					25	Fundamentals of Informatics Learning Level 5
					31	Fundamentals of Computer Science Learning Level 1
			4	BASIC MAJOR	32 33	Fundamentals of Computer Science Learning Level 2
			*	COURSES	34	Fundamentals of Computer Science Learning Level 3
						Fundamentals of Computer Science Learning Level 4
					35 41	Fundamentals of Computer Science Learning Level 5
					41	Communications and Networks Learning Level 1 Communications and Networks Learning Level 2
					43	Communications and Networks Learning Level 2  Communications and Networks Learning Level 3
					44	Communications and Networks Learning Level 3  Communications and Networks Learning Level 4
S					44	Communications and Networks Learning Level 4  Communications and Networks Learning Level 5
C					51	Computational Media Intelligence Learning Level 1
1					52	Computational Media Intelligence Learning Level 1
E					53	Computational Media Intelligence Learning Level 2
N					54	Computational Media Intelligence Learning Level 4
С					55	Computational Media Intelligence Learning Level 5
E					61	Other Learning Level 1
					62	Other Learning Level 2
					63	Other Learning Level 2
A					64	Other Learning Level 4
N		INFORMATION			65	Other Learning Level 5
T D	IC	AND COMPUTER			01	General Information Engineering Learning Level 1
		SCIENCE			02	General Information Engineering Learning Level 2
T					03	General Information Engineering Learning Level 3
C					04	General Information Engineering Learning Level 4
Н					05	General Information Engineering Learning Level 5
N					11	Programming and Algorithms Learning Level 1
0					12	Programming and Algorithms Learning Level 2
L					13	Programming and Algorithms Learning Level 3
0					14	Programming and Algorithms Learning Level 4
G					15	Programming and Algorithms Learning Level 5
Y					21	Fundamentals of Informatics Learning Level 1
1					22	Fundamentals of Informatics Learning Level 2
		1			23	Fundamentals of Informatics Learning Level 3
					24	Fundamentals of Informatics Learning Level 4
					25	Fundamentals of Informatics Learning Level 5
					31	Fundamentals of Computer Science Learning Level 1
				ADVANCED MAJOR	32	Fundamentals of Computer Science Learning Level 2
			5	COURSES	33	Fundamentals of Computer Science Learning Level 3
		1		COURSES	34	Fundamentals of Computer Science Learning Level 4
		1			35	Fundamentals of Computer Science Learning Level 5
					41	Communications and Networks Learning Level 1
					42	Communications and Networks Learning Level 2
					43	Communications and Networks Learning Level 3
		1			44	Communications and Networks Learning Level 4
					45	Communications and Networks Learning Level 5
					51	Computational Media Intelligence Learning Level 1
					52	Computational Media Intelligence Learning Level 2
					53	Computational Media Intelligence Learning Level 3
					54	Computational Media Intelligence Learning Level 4
					55	Computational Media Intelligence Learning Level 5
					61	Other Learning Level 1
					62	Other Learning Level 2
					63	Other Learning Level 3
					64	Other Learning Level 4
					65	Other Learning Level 5

Faculty of Science and Tchnology / Minor Classification List

	/Graduate	Dep	Department/Major		Major Classification		Minor Classification			
						01	General Bioinformatics and Natural Sciences Second Year-Level Spring Court			
						02	General Bioinformatics and Natural Sciences Second Year-Level Fall Course			
						11	Biology Second Year-Level Spring Course			
	S					12	Biology Second Year-Level Fall Course			
	-			4	BASIC MAJOR	21	Chemistry and Physics Second Year-Level Spring Course			
	С			**	COURSES	22	Chemistry and Physics Second Year-Level Fall Course			
	1					31	Mathematics Second Year-Level Spring Course			
	E					32	Mathematics Second Year-Level Fall Course			
	N					41	Informatics Second Year-Level Spring Course			
	С					42	Informatics Second Year-Level Fall Course			
	E					01	General Bioinformatics and Natural Sciences Third Year-Level Spring Cour			
						02	General Bioinformatics and Natural Sciences Third Year-Level Fall Course			
	A					03	General Bioinformatics and Natural Sciences Fourth Year-Level Spring Cou			
	N					04	General Bioinformatics and Natural Sciences Fourth Year-Level Fall Cours			
ST	D	BI	BIOSCIENCES &			11	Biology Third Year-Level Spring Course			
31		ы	INFORMATICS			12	Biology Third Year-Level Fall Course			
	_					13	Biology Fourth Year-Level Spring Course			
	T					14	Biology Fourth Year-Level Fall Course			
	С					21	Chemistry and Physics Third Year-Level Spring Course			
	Н			5	ADVANCED MAJOR	22	Chemistry and Physics Third Year-Level Fall Course			
	N			5	COURSES	23	Chemistry and Physics Fourth Year-Level Spring Course			
	0					24	Chemistry and Physics Fourth Year-Level Fall Course			
	L					31	Mathematics Third Year-Level Spring Course			
	0					32	Mathematics Third Year-Level Fall Course			
	G					33	Mathematics Fourth Year-Level Spring Course			
	Y					34	Mathematics Fourth Year-Level Fall Course			
						41	Informatics Third Year-Level Spring Course			
						42	Informatics Third Year-Level Fall Course			
						43	Informatics Fourth Year-Level Spring Course			
			l		l	44	Informatics Fourth Year-Level Fall Course			