# MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

## NATIONAL TECHNICAL UNIVERSITY "KHARKIV POLYTECHNIC INSTITUTE"

**PPROVED BY** r of NTU "KhPI" Ievhen SOKOL 2023p.

# «ACCOUNTING, AUDITING, AND TAXATION» PROGRAM OF PROFESSIONAL EDUCATION

Second (Master's) level of higher education Major <u>071 – "Accounting and Taxation"</u> Field of knowledge <u>07 – Management and Administration</u> Qualification: Master in <u>Accounting and Taxation</u>

> APPROVED BY ACADEMIC COUNCIL OF NTU «KhPI»

Head of Academic Council Leonid Tovazhnianskyi Minutes of Council meeting # 4 dated « 05 » 05 2023

. 1

Kharkiv 2023

### **APPROVAL SHEET FOR**

## "Accounting, auditing and taxation" program of professional education

Level of higher education	Second (Master's)
Field of knowledge	07 Management and Administration
Major	072 «Accounting and Taxation»
Qualification	Master in Accounting and Taxation

#### **APPROVED BY**

**AGREED UPON** 

#### **RECOMMENDED BY**

OP Workgroup for major «Accounting and Taxation»

Head of educational program

Tetiana DAVYDIUK

Methodical Council of NTU "KhPI"

Deputy head of methodical council

\_Ruslan MYHUSHCHENKO «03» 05 2023

### **AGREED UPON**

Deputy director of Educational and Research Institute of Economics, Management and International Business (EMIB)

Valerii KOBELIEV «03» 05 2023

Chair of Accounting and Finance

Oleksandr MANOYLENKO «03» 05 2023

## **AGREED UPON**

Student of Finance and Accounting department, BEM-M322

Anton STRYGUL «03» 05 2023

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## **INTRODUCTION**

The Program corresponds to the Standard of Higher Education of Ukraine at the Master's level in the field of knowledge 07 Management and Administration, major 071 Accounting and Taxation, which was approved and enacted by the order of the Ministry of Education and Science of Ukraine dated 10.07.2019 № 958.

The Program is developed by the OP Workgroup of the Accounting, Auditing and Taxation at Educational and Research Institute of Economics, Management and International Business of the National Technical University "Kharkiv Polytechnic Institute". The Workgroup consists of the following members:

Head of the program – Tetyna DAVIDUK, Doctor of Economic Science, Professor, Professor of Accounting and Finance department

### Members of OP Workgroup:

1. Nataliya MARDUS – Doctor of Economic Science, Professor, Associate Professor of Accounting and Finance department.

2. Svitlana KUZNETSOVA – PhD in Economics, Associate Professor of Accounting and Finance department.

3. Anton STRYGUL – of Accounting and Finance department, BEM-M322

The Program reviews are attached.

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0	Program Competencies								

# I. PROFILE OF THE PROGRAM FOR PROFESSIONAL EDUCATION 071 Major - ACCOUNTING AND TAXATION

	1 – General Information
Higher education facility	National Technical University "Kharkiv Polytechnic Institute",
and department/institute	Educational and Research Institute of Economics, Management and
	International Business, Accounting and Finance Department
Academic degree and	Master, Master in Accounting and Taxation
qualification title in	
Ukrainian Official title of	Accounting Auditing and Toustian
	Accounting, Auditing and Taxation
educational program Diploma type and credits	Master's diploma, single, 90 ECTS credits, length of study - 1 year and
in educational program	4 month
in educational program	The internship comprises at least 4 ECTS credits per year.
Accreditation	Certificate HД № 2192124, valid until July 1, 2025
Cycle/level	HPK of Ukraine – 7 <sup>th</sup> level, QF EHEA – second cycle, EQF LLL –
	Level 7
Prerequisites	First (bachelor) level of higher education; Specialist or Masters in other
1	majors
Language	Ukrainian, English
Educational program	1 year and 4 month
validity	
Description of educational	https://web.kpi.kharkov.ua/acctfin/osvitnya-programa-oblik-audyt-i-
program URL	opodatkuvannya-2/
	2 – Objective of Educational Program
	e of solving practical problems and complex specialized tasks in the fields
of accounting, auditing, and	I taxation based on mastering a system of competencies
	3 – Features of Educational Program
Subject Area (Field of	07 Management and Administration
Knowledge, Specialty)	071 Accounting and Taxation
Orientation of the	Educational-professional program with an applied orientation.
Educational Program	Professional emphasis: Developing the ability to perform administrative, entrepreneurial, project, and research activities using professional
	methods and technologies necessary for preparing accounting and
	analytical support.
Main focus of the	Specialized education in the field of "Management and Administration,"
educational program and	specialty 071 "Accounting and Taxation." The program focuses on the
specialization	formation and development of professional competencies in managerial
1	activities for domestic business entities to achieve their economic and
	social interests through advancements in accounting, auditing, and
	taxation.
	Keywords: financial accounting, tax accounting, taxation, audit, control,
	financial reporting, analysis, budgeting, economic analysis, corporate
	social responsibility, digitalization, managerial decisions, corporate
	governance, information systems.
Program Features	The program is multidisciplinary and includes practical training aimed at
	developing skills in the organization and methodology of accounting,
	taxation, analysis, and auditing for modern companies.

	4 – Employability and Continuing Education
Employability	Graduates may work in professions according to the National Classifier
Employaomty	of Professions DK 003:2010:
	1229.1 Chief State Auditor; Chief State Tax Inspector-Auditor
	1
	1231 Chief Accountant; Chief Auditor; Chief Cashier; Head of Cash
	Operations; Head of Workshop Accounting; Financial Director; Head of
	Control and Audit Department; Head of Financial Department; Head of
	Centralized Accounting
	1317 Director of a Small Firm (insurance, auditing, advertising, etc.)
	1475.2 Manager (Director) of Accounting
	2411.2 Expert Accountant; Auditor; Tax and Duties Consultant
	2419.2 Responsible Employee of a Bank (branch bank, other financial
	institution)
	2419.3 Specialist-Accountant; State Auditor
	2433.2 Consolidated Information Analyst
	2441.2 Economist in Accounting and Business Analysis; Economist in
	Taxes and Duties; Economic Consultant; Economic Affairs Observer
	3429 Tax Agent
	3433 Assistant Expert Accountant; Accountant
	4121 Accounting Data Registrar
	3442 Chief State Tax Inspector; State Tax Inspector; Tax Inspector-
	Auditor, etc.
Continuing Education	It is possible to continue education at the third (educational-scientific)
	level of higher education, as well as to pursue professional development
	and obtain additional postgraduate education.
	5 – Teaching and grading
Teaching and learning	Student-centered learning is conducted through lectures, seminars,
reaching and rearning	practical classes, consultations, independent study, and the completion
	of course projects and assignments. This learning approach is based on
	working with textbooks, manuals, scientific journals, and the use of the
	Internet.
Grading	
Grading	Current and final knowledge assessment includes methods such as
	questioning, control and individual assignments, testing, etc., as well as
	credits and exams (oral and written), defense of course projects and
	assignments, defense of internship reports, and public defense of the
	qualification work. A rating system is used for evaluation.
	qualification work. A rating system is used for evaluation.   6 – Program Competencies
Integral competencies	qualification work. A rating system is used for evaluation.   6 – Program Competencies   The ability to solve complex tasks and problems in the field of
Integral competencies	qualification work. A rating system is used for evaluation.   6 – Program Competencies   The ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing,
Integral competencies	qualification work. A rating system is used for evaluation.   6 – Program Competencies   The ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty
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Integral competencies General competencies	qualification work. A rating system is used for evaluation.   6 – Program Competencies   The ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty of conditions and requirements.   GC01. Ability to identify, pose, and solve problems.
	qualification work. A rating system is used for evaluation.   6 – Program Competencies   The ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty of conditions and requirements.
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	qualification work. A rating system is used for evaluation.6 – Program CompetenciesThe ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty of conditions and requirements.GC01. Ability to identify, pose, and solve problems. GC02. Ability to communicate in a foreign language. GC03. Skills in using information and communication technologies. GC04. Ability to generate new ideas (creativity). GC06. Ability to search for, process, and analyze information from various sources.
	qualification work. A rating system is used for evaluation.6 – Program CompetenciesThe ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty of conditions and requirements.GC01. Ability to identify, pose, and solve problems. GC02. Ability to communicate in a foreign language. GC03. Skills in using information and communication technologies. GC04. Ability to conduct research at an appropriate level. GC05. Ability to generate new ideas (creativity). GC06. Ability to search for, process, and analyze information from various sources. GC07. Ability to work in an international context.
	qualification work. A rating system is used for evaluation.6 – Program CompetenciesThe ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty of conditions and requirements.GC01. Ability to identify, pose, and solve problems. GC02. Ability to communicate in a foreign language. GC03. Skills in using information and communication technologies. GC04. Ability to generate new ideas (creativity). GC06. Ability to search for, process, and analyze information from various sources.GC07. Ability to work in an international context. GC08. Ability to communicate with representatives of other professional
	qualification work. A rating system is used for evaluation.6 – Program CompetenciesThe ability to solve complex tasks and problems in the field of professional activities related to accounting, analysis, control, auditing, taxation, and/or implementing innovations, characterized by uncertainty of conditions and requirements.GC01. Ability to identify, pose, and solve problems. GC02. Ability to communicate in a foreign language. GC03. Skills in using information and communication technologies. GC04. Ability to conduct research at an appropriate level. GC05. Ability to generate new ideas (creativity). GC06. Ability to search for, process, and analyze information from various sources. GC07. Ability to work in an international context.

	GC09. Appreciation and respect for diversity and multiculturalism.
	GC10. Ability to act on the basis of ethical considerations (motives).
	GC11. Ability to assess and ensure the quality of performed tasks.
Special (professional)	SC01. Ability to generate and use accounting information for making
competencies (defined	effective managerial decisions at all levels of enterprise management to
within the standard of	improve the efficiency, effectiveness, and social responsibility of the
higher education for the	business.
e	
major)	SC02. Ability to organize the accounting process and regulate the activities of its performers in accordance with the requirements of
	legislation and enterprise management.
	SC03. Ability to apply theoretical, methodological, and practical
	approaches to organizing accounting, control, planning, and
	optimization of tax calculations.
	SC04. Ability to prepare financial statements according to international
	standards, correctly interpret, disclose, and use relevant information to
	make effective managerial decisions.
	SC05. Ability to apply methods and techniques of analytical support for
	modern management systems, taking into account the enterprise
	development strategy under conditions of uncertainty, risk, and/or
	information asymmetry.
	SC06. Use international standards for quality control, auditing, review,
	assurance engagements, and related services while adhering to
	professional ethics in the process of practical activities.
	SC07. Ability to formulate tasks, improve methodologies, and
	implement modern methods of financial and management accounting,
	analysis, auditing, and taxation in accordance with the strategic goals of
	the enterprise.
	-
	SC08. Ability to perform administrative and managerial functions in the
	activities of business entities and public sector bodies.
	SC09. Ability to provide consulting services to owners, enterprise
	management, and other users of information in the areas of accounting,
	analysis, control, auditing, and taxation.
	SC10. Ability to conduct scientific research to solve current issues in the
	theory, methodology, organization, and practice of accounting, auditing,
	analysis, control, and taxation.
Special (professional)	SC1 Ability to analyze financial and non-financial performance
competencies (defined by	indicators of an entrepreneurial entity for effective management of its
the higher education	assets and sources of formation within the framework of strategic
e	-
institution) for the	management accounting, followed by auditing based on the collection,
discipline block 01	processing, and quantitative and qualitative interpretation of data from
"Accounting, Auditing,	various sources.
and Taxation"	
Special (professional)	SC2 Ability and skill to effectively apply analytical methods to identify
competencies (defined by	investment risks in a company's activities when assessing the market
the higher education	value of economic assets, along with conducting internal control to
institution) for the	prevent instances of illegal, inefficient, and ineffective use of company
discipline block 02	assets, and to avoid errors or other shortcomings in their operations.
"Business Analytics"	asses, and to avoid errors of other shortworkings in their operations.
	SC2 Ability to utilize logislative and regulatory acts severing the
Special (professional)	SC3 Ability to utilize legislative and regulatory acts governing the
competencies (defined by	implementation of state tax management in organizing control and
the higher education	inspection activities to detect tax violations within the scope of tax
institution) for the	regulation, along with evaluating the effectiveness of state tax policy.

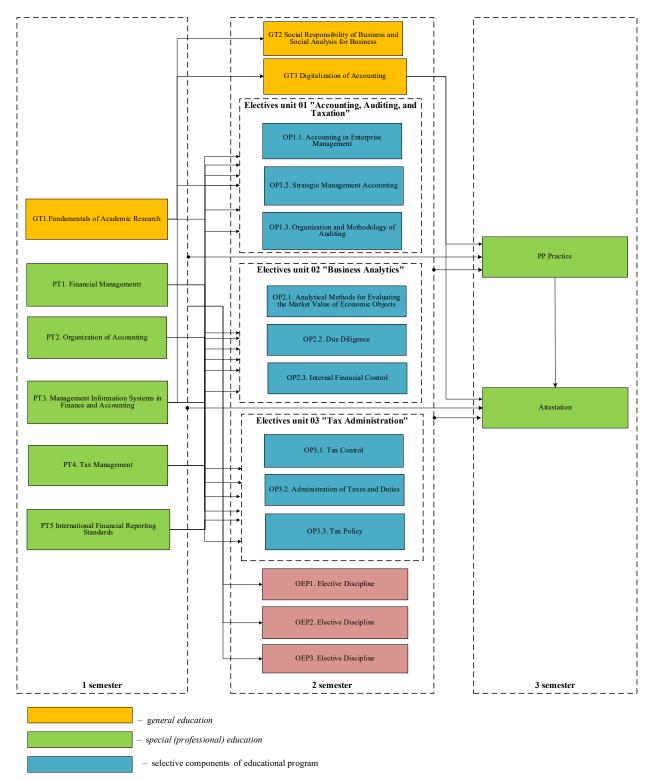
discipline block 03 "Tax Administration"	
Aummstration	7 – Learning Outcomes
Learning outcomes of	LO01. Ability to develop and enhance one's general cultural and
educational program	professional level, independently master new methods of work, and gain
(defined by the standard of	knowledge for a comprehensive understanding of modern economic and
higher education for the	management issues.
major)	LO02. Know the theory, methodology, and practice of generating
major <i>)</i>	accounting information at the stages of the accounting process and control, to meet the current and potential needs of managing business entities with the use of professional judgment. LO03. Communicate freely in a foreign language, both orally and in
	writing, when discussing research results and innovations.
	LO04. Organize, develop, and model accounting systems and coordinate the activities of accounting personnel, taking into account the
	management needs of business entities. LO05. Master innovative technologies, justify the choice, and explain
	the use of new methodologies for preparing and providing accounting
	information for business management purposes. LO06. Determine the information needs of users of accounting information in enterprise management and provide consultations to
	management personnel regarding accounting information. LO07. Develop internal company standards and forms of managerial and
	other reporting for business entities. LO08. Justify the choice of an optimal taxation system for the business
	entity's activities based on current tax legislation.
	LO09. Prepare financial statements in accordance with national and international standards for business entities at the corporate level, publish and use the relevant information for managerial decision- making.
	LO10. Collect, evaluate, and analyze financial and non-financial data to form relevant information for managerial decision-making.
	LO11. Develop and assess the effectiveness of control systems for
	business entities.
	LO12. Justify innovative approaches to the information support system for controlling the use of resource potential by business entities and public sector bodies, taking into account the business development
	strategy.
	LO13. Know international standards for quality control, audit, review,
	assurance engagements, and related services, while adhering to
	professional ethics.
	LO14. Justify the choice and procedure for applying management
	information technologies for accounting, analysis, auditing, and taxation in decision-making systems to optimize them.
	LO15. Apply scientific research methods in the fields of accounting,
	auditing, analysis, control, and taxation, and implement them in
	professional activity and business practice.
	LO16. Conduct public business and scientific communications to solve
	communicative tasks in both the state and foreign languages. LO17. Prepare and justify conclusions for consulting owners, business antity management and other years of information in the fields of
	entity management, and other users of information in the fields of accounting, analysis, control, auditing, and taxation.

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	LO18. Adhere to the norms of professional and academic ethics, and
	maintain balanced relationships with team members, consumers,
	contractors, and contact audiences.
	LO19. Ability to design, plan, and conduct exploratory and research
	work, ensuring their informational, methodological, material, financial,
	and personnel support.
Learning outcomes	LO1 Ability to develop internal (managerial) standards and formats for
(defined by the higher	management and other reporting for business entities to generate
education institution) for	relevant analytical information for effective decision-making, with the
the discipline block 01	subsequent application of organizational and methodological approaches
"Accounting, Auditing,	to the organization and conduct of audits of target financial reporting
and Taxation"	indicators for business entities.
Learning outcomes	LO2 Ability to evaluate the market value of enterprises based on an
(defined by the higher	analysis of operational performance indicators, relationships with
education institution) for	counterparties and government bodies, identification of adverse
the discipline block 02	operational factors, and assessment of the accuracy and compliance of
"Business Analytics"	records with regulatory requirements, internal policies, accounting data,
	and financial reporting indicators of the enterprise.
Learning outcomes	LO3 Proficiency in the theoretical, methodological, and practical aspects
(defined by the higher	of administering payments to budgets and targeted state funds based on
education institution) for	specific regulatory frameworks, along with knowledge of the
the discipline block 03	methodological tools of tax control, followed by analysis and evaluation
"Taxation"	of the effectiveness of state tax policy and tax regulation.
	esources for Educational Process Implementation
Personnel	Meets staffing requirements for ensuring the provision of educational
	activities in the field of higher education in accordance with the current
	legislation of Ukraine (Cabinet of Ministers of Ukraine Resolution "On
	Approval of Licensing Conditions for Educational Activities of
	Educational Institutions" dated December 30, 2015, No. 1187, with
	amendments introduced by CMU Resolution No. 365 dated March 24,
	2021, Annexes 15-16).
Equipment	Meets the technological requirements for material and technical support of
Equipment	educational activities in the field of higher education in accordance with the
	current legislation of Ukraine (Cabinet of Ministers of Ukraine Resolution
	5
	"On Approval of Licensing Conditions for Educational Activities of Educational Institutions" dated December 20, 2015. No. 1187, with
	Educational Institutions" dated December 30, 2015, No. 1187, with
	amendments introduced by CMU Resolution No. 365 dated March 24, 2021,
Information sources and	Annex 17).
	Meets the technological requirements for educational, methodological, and
learning materials	informational support of educational activities in the field of higher education
	in accordance with the current legislation of Ukraine (Cabinet of Ministers of
	Ukraine Resolution "On Approval of Licensing Conditions for Educational
	Activities of Educational Institutions" dated December 30, 2015, No. 1187,
	with amendments introduced by CMU Resolution No. 365 dated March 24,
	2021, Annex 18).
	9 – Academic Mobility
National credits mobility	On the basis of bilateral agreements between the National Technical
	University "Kharkiv Polytechnic Institute" and higher education
	institutions of Ukraine
International credits	Academic mobility is based on bilateral agreements between the
mobility	National Technical University "Kharkiv Polytechnic Institute" and Otto

	von Guericke University Magdeburg (Germany), the University of Wroclaw (Poland), the University of Miskolc (Hungary), and Sapienza University (Rome, Italy).
Foreign students learning	Possible upon completion of a Ukrainian language course or study in English, provided accreditation is available.

Code	Educational program components	Number of credits	Final examination form
1	2	3	4
	1 Mandatory components of educational p	rogram	
	1.1 General education	~	
GT1	Fundamentals of Academic Research	5	Pass
GT2	Social Responsibility of Business and Social Analysis for Business	3	Exam
GT3	Digitalization of Accounting	3	Pass
	1.2 Special (professional) education		
PT1	Financial Management	5	Exam
PT2	Organization of Accounting	5	Exam
PT3	Management Information Systems in Finance and Accounting	5	Exam
PT4	Tax Management	5	Exam
PT5	International Financial Reporting Standards	5	Pass
PP	Practice	15	Pass
	Attestation	15	Exam
	Total credits of mandatory components	66	
	2 Selective components of educational pr	ogram	
	2.1 Professional Training	~	
	2.1.1 Electives unit 01 "Accounting, Auditing, and	Taxation"	
OP1.1	Accounting in Enterprise Management	4	Exam
OP1.2	Strategic Management Accounting	4	Exam
OP1.3	Organization and Methodology of Auditing	4	Exam
	2.1.2 Electives unit 02 "Business Analytics		
OP2.1	Analytical Methods for Evaluating the Market Value of Economic Objects	4	Exam
OP2.2	Due Diligence	4	Exam
OP2.3	Internal Financial Control	4	Exam
	2.1.3 Electives unit 03 "Tax Administration		
OP3.1	Tax Control	4	Exam
OP3.2	Administration of Taxes and Duties	4	Exam
OP3.3	Tax Policy	4	Exam
	2.2 Elective Discipline in Professional Train	ing	
OEP	Elective Discipline in Professional Training According to the List	12	Pass
	Total credits of electives:	24	
	TOTAL CREDITS PER EDUCATIONAL PROGRAM:	90	

# 2. List of the Program Components and its Structure



# 3. Structural-Logic Scheme of the Educational Program

- electives in professional education

		Groups and Education	JII Cycles			
		Studyin	ng workload of student (credits / %)			
#	Education cycle	Mandatory components of educational and professional program	Elective components of educational and professional program	Total credits per program		
1	General education cycle	11 / 12,0	-	11 / 12,0		
2	Special (professional) education cycle	55 / 61,0	-	55 / 61,0		
3	Electives		24 / 27,0	24 / 27,0		
Total	credits per program	66 / 73,00	24 / 27,0	90 / 100,0		

## 4. Distribution of Educational Program Content According to the Components Groups and Education Cycles

## **5. CERTIFICATION OF GRADUATES**

The certification of graduates of the educational-professional program in specialty 071 "Accounting and Taxation" is conducted in the form of a public defense of a qualification thesis (with mandatory plagiarism check) and concludes with the issuance of an official document awarding the master's degree and the qualification of Master in Accounting and Taxation.

The certification is carried out openly and publicly.

# 6. MATRIX OF CORRESPONDENCE BETWEEN DEFINED LEARNING OUTCOMES, COMPETENCIES, AND EDUCATIONAL COMPONENTS BY ELECTIVE BLOCKS

	rning comes												Co	mpetenc	ies											
													Integr	Integral Competence												
		General											Special (Professional)											Special (Professional), by Elective Blocks		
		GC01	GC02	GC03	GC04	GC05	GC06	GC07	GC08	GC09	GC10	GC11	SC01	SC02	SC03	SC04	SC05	SC06	SC07	SC08	SC09	SC10	SC1	SC2	SC3	
	ПР01	GT1, PP.						GT1, PP			GT1, PF	)														
	ПР02	,		PT1, PT2									PT1, PT2	PT1, PT2	PT1, PT2	PT1, PT2	PT1, PT2	PT1, PT2	PT1, PT2							
	ПР03			GT3, PP				GT3, PP		GT3, PP										GT3, PP	GT3, PP	GT3, PP				
р	ПР04												PT1, PT2, PP	PT1, PT2, PP		PT1, PT2, PP		PT1, PT2, PP	PT1, PT2, PP	PT1, PT2, PP	PT1, PT2, PP					
Standar	ПР05				GT2, PT3, PT5, PP								GT2, PT3, PT5, PP		GT2, PT3, PT5, PP	GT2, PT3, PT5, PP				GT2, PT3, PT5, PP	GT2, PT3, PT5, PP	GT2, PT3, PT5, PP				
ducation	ПР06	PT1, PT3, PT4.PP			PT1, PT3, PT4,PP	PT1, PT3, PT4,PP					PT1, PT3, PT4.PP		PT1, PT3, PT4,PP	PT1, PT3, PT4,PP	PT1, PT3, PT4,PP	PT1, PT3, PT4,PP	PT1, PT3, PT4,PP		PT1, PT3, PT4,PP	PT1, PT3,	PT1, PT3, PT4,PP					
According to the Higher Education Standard	ПР07	GT2, PT1, PT5		GT2, PT1, PT5							GT2, PT1, PT5		GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5	GT2, PT1, PT5				
he	ПР08			PT4							PT4		PT4	PT4	PT4	PT4			PT4	PT4	PT4	PT4				
ng to 1	ПР09		PT3, PT5	PT3, PT5				PT3, PT5					PT3, PT5			РТ3, РТ5	PT3, PT5	РТ3, РТ5	PT3, PT5	РТ3, РТ5	PT3, PT5	PT3, PT5				
ccordi	ПР10			PT1, PT3, PP							PT1, PT3, PP		PT1, PT3, PP			PT1, PT3, PP	PT1, PT3, PP		PT1, PT3, PP		PT1, PT3, PP	PT1, PT3, PP				
A	ПР11	PT1							PT1					PT1	PT1	PT1	PT1	PT1			PT1	PT1				
	ПР12			PT1	PT1								PT1				PT1		PT1		PT1	PT1				
	ПР13		PT1, PT3								PT1, PT3						PT1, PT3	PT1, PT3	PT1, PT3		PT1, PT3	PT1, PT3				
	ПР14			PT3			PT3		PT3	PT3				PT3	PT3	PT3	PT3									
	ПР15	GT1, PT1	GT1, PT1		GT1, PT1	GT1, PT1			GT1, PT1					GT1, PT1								GT1, PT1				
	ПР16		GT2			GT2		GT2	GT2		GT2										GT2					

		GC01	GC02	GC03	GC04	GC05	GC06	GC07	GC08	GC09	GC10	GC11	SC01	SC02	SC03	SC04	SC05	SC06	SC07	SC08	SC09	SC10	SC1	SC2	SC3
	ПР17	PT1,	PT1,	PT1,		PT1,	PT1,	PT1,	PT1,												PT1,	PT1,			
		PT2,	PT2,	PT2,		PT2,	PT2,	PT2,	PT2,												PT2,	PT2,			
		PT4,	PT4,	PT4,		PT4,	PT4,	PT4,	PT4,												PT4,	PT4,			
	TTD 1 0	PT5	PT5	PT5		PT5	PT5	PT5	PT5	DTO	DTO DD									DEG DD	PT5	PT5			
	ПР18	PT2, PP							P12, PP	P12, PP	PT2, PP			PT2, PP				PT2, PP		P12, PP	PT2, PP				
	ПР19									PP		PT2,										PT2, PP			
	111 19	PT2, PP										PP										112,11			
	ПР1	PT2,				PT2.	PT2,	PT2,	PT2,					PT2,	PT5,	PT5.	PT5	PT2,	PT5	PT2,	PT2,	PT2,	PT2,		
		PT5,				PT5,	PT5,	PT5,	PT5,				PT5,	· · · ·	,	OEP1.1,	OEP1.1,	,	OEP1.1,	PT5,	PT5,	PT5,	PT5,		
		OEP1.1,				OEP1.1,	OEP1.1,	OEP1.1,	OEP1.1,	,			OEP1.1, OEP1.2.	OEP1.1,	OEP1.2,	OEP1.2,	OEP1.2,	OEP1.1,	OEP1.2,	OEP1.1,	OEP1.1,	OEP1.1,	OEP1.1,		
Blocks		OEP1.2,					OEP1.2,			-			OEDI 2		OEP1.3	OEP1.3	OEP1.3				OEP1.2,		-		
gloc		OEP1.3				OEP1.3								OEP1.5				OEP1.33		OEP1.3	OEP1.3		OEP1.3		
еE	ПР2	PT1,		PT1,	PT1,	PT1,	PT1,		,		PT1,		PT1,	PT1,		PT1,	PT1,		PT1,		PT1,	PT1,		PT1,	
Elective		OEP2.1,			OEP2.1,						OEP2.1,		OEP2.1,				OEP2.1,		OEP2.1,		OEP2.1,			OEP2.1,	
Ele		OEP2.2,		1	OEP2.2,					-	OEP2.2,		,	OEP2.2,			OEP2.2,		OEP2.2,		OEP2.2,			OEP2.2,	
By I	TTD2	OEP2.3			OEP2.3		OEP2.3	OEP2.3	OEP2.3		OEP2.3			OEP2.3	DT 4	OEP2.3	OEP2.3		OEP2.3	DT 4	OEP2.3			OEP2.3	DT4
щ	ПР3	PT4,		PT4,	PT4,	PT4,					PT4, OEP3.1,		PT4, OEP3.1,	PT4,	PT4,	PT4,			PT4,	PT4,	PT4,	PT4,			PT4, OEP3.1,
		OEP3.1, OEP3.2,		1	OEP3.1, OEP3.2,	-					OEP3.1, OEP3.2,		,	OEP3.1, OEP3.2,	,	OEP3.1,			OEP3.1, $OEP3.2$		OEP3.1, OEP3.2,				OEP3.1, OEP3.2,
		OEP 3.2, OEP 3.3		1	OEP3.2, OEP3.3	-					OEP3.2, OEP3.3		,	OEP 3.2, OEP 3.3	,						OEP 3.2, OEP 3.3	-			OEP3.2, OEP3.3