

BORYS GRINCHENKO KYIV UNIVERSITY

«APPROVED»

Administrated by Scientific board of
Borys Grinchenko Kyiv University
27 February 2020, record № 2

Head of Scientific board, rector
Ogneviuk Viktor Olexandrovysh

EDUCATIONAL AND PROFESSIONAL PROGRAM

011.00.03 Corporate Education and Personnel Development

second (Master's) level of higher education

Field of knowledge:	01 Education /Pedagogy
Specialty:	011 Educational, pedagogical sciences
Qualification:	Master of Educational and Pedagogical Sciences

Implemented from 01.09.2020
(order of _____._____.2020 № ____)

APPROVAL FORM
of educational and professional program
011.00.03 Corporate Education and Personnel Development

Department of Theory and History of Pedagogy

Order of _____2020 № _____

The Head of the Department _____(L.L. Khoruzha)

Academic board of the Pedagogical Institute

Order of _____2020 № _____

The Head of Academic board _____(O.V. Kotenko)

The Head of Academic center of standardization and quality of education

_____(O. V. Leontieva)

_____2020

Vice-rector on Academic Affairs

_____(O. B. Zhyltsov)

_____2020

INTRODUCTION

Educational and professional program is developed based on the Project of the Professional Standard in specialty 011 Educational, pedagogical sciences for the second (Master's) level of higher education taking in regard Methodical recommendations on the development of educational programs (order of 29.03.2018 № 206)

Developed by a working group consisting of:

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Educational and professional program implemented from 2020

The term of educational program revision 1 time in 5 years

Updated:

Date of viewing EP / Changes to the EP			
Signature			
Name and surname of guarantor of EP	Bratko M.V.		

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I. The profile of the educational program
 011.00.03 Corporate Education and Personnel Development
 Specialty 011 Educational, Pedagogical Sciences

1 – General information	
Full name of the higher education institution and structural division	Borys Grinchenko Kyiv University Pedagogical Institute
Degree of higher education and title of qualification	Degree of higher education: Master's Specialty 011 Educational, Pedagogical Sciences 011.00.03 Corporate Education and Personnel Development Qualification: Master's degree in Educational and Pedagogical Sciences Professional qualifications: (subject to the requirements of clause III) 2351.2- Lecturer, Corporate Training Consultant
Official title of the educational program	011.00.03 – Corporate Education and Personnel Development
Type of diploma and the volume of the educational program	Master's degree, single, 90 ECTS credits, training period-1 year 4 months
Accreditation	The Ministry of Education and Science of Ukraine, Certificate (YK № 11005857) on accreditation of specialty 011 Educational, Pedagogical Sciences, the certificate is valid until July 1, 2026. National Agency for Quality Assurance of Higher Education Ukraine The deadline for applying for accreditation - 2026
Cycle / level	NQF of Ukraine – level 8 FQ-EHEA-second cycle EQF-LLL- level 7
Preconditions	Previously obtained Bachelor's degree
Language(s) of instruction	Ukrainian
Validity of the educational program	According to the accreditation period
Internet address for permanent placement of the description of the educational program	http://kubg.edu.ua/
2 - Aim of educational program	
Providing theoretical and practical training for specialists, who are capable of creating alternative educational systems in corporations and enterprises that provide training, professional development and continuous development of personnel in accordance with the strategic goals and objectives of these institutions	
3-Characteristics of the educational program	
Description of the subject area	<i>Objects of study and / or activity:</i> pedagogical, psychological and managerial concepts and ideas for the purpose of creating alternative educational systems and professional development of corporate and enterprise personnel. <i>Training goals:</i> formation of a set of competencies, knowledge, skills and abilities for applying in professional activities in the field of educational needs of corporations and enterprises, methods of corporate

	<p>training for higher education applicants.</p> <p><i>The theoretical content of the subject area:</i> the theory of corporate pedagogy and the theory of scientific branches that correspond to the subject specialization (corporate pedagogy and personnel development; organizational psychology and labor psychology; educational content: technologies of creation and use; monitoring of educational needs of the corporation; areas of socio-cultural communication, education, culture, management (pedagogical culture and ethics; personnel management).</p> <p><i>Methods, techniques and technologies:</i> student-centered learning, which implies democratic principles of teaching. Particularly, personality-oriented, activity-based, creative approaches, integration of scientific, educational and practical activities.</p> <p><i>Tools and equipment:</i> smart resources, computer and network programmable devices and equipment.</p> <p><i>The ratio of the volume of compulsory and selective parts:</i> 4:1</p> <p><i>Volume of professional practices:</i> 15 ECTS credits</p>
The profile of the educational program	Applied educational and professional
The main focus of the educational program	<p>Special education in the field of education and pedagogy.</p> <p>Keywords: corporate education; personnel development; educational content; alternative training systems.</p> <p>The object of learning are alternative educational systems for training and advanced training of corporate and enterprise personnel.</p> <p>Special training in the methods of corporate training and personnel development.</p> <p>The content of the program is aimed at:</p> <ul style="list-style-type: none"> - implementation of research, practice-oriented and competence-based approaches; - formation of core competencies(soft skills), the ability to solve a wide range of professional problems and tasks by understanding their socio-pedagogical and psychological foundations using both theoretical and experimental research methods; the ability to monitor the educational needs of corporations and design individual pace of personnel development; experience in using alternative educational systems at enterprises and personnel motivation; managerial skills for effective professional activity under the autonomy of corporations and enterprises; ensuring the processes of creating alternative training technologies aimed at improving the skills of personnel and managing them in the IT environment of corporations and institutions.
Program features	
4 – Eligibility of graduates for employment and further training	
Eligibility for employment	<p>Master of Educational and Pedagogical Sciences can work in divisions of corporations, organizations and enterprises that provide training, professional development and continuous development of personnel, performing the functional duties of a teacher; consultant on corporate training and staff development; assistant director for e-learning and staff development; online learning manager; content producer; expert on corporate training; corporate trainer (manager of personnel training).</p> <p>According to the national classifier of professions ДК 003: 2010, taking into account the order of February 15, 2019 № 259 "On approval of Change № 8 to the national classifier ДК 003: 2010", specialists who have received education under the educational program "Corporate</p>

	Pedagogy and Personnel Development" can hold such primary positions: 2351.2-Lecturer (teaching methods), 2419.2-Consultant <i>By a separate decision of the examination commission, the professional qualification "Lecturer, consultant" can be awarded on the basis of professional mastery of the competencies provided by special blocks of disciplines and practice of this plan, which is confirmed by successful completion of certification.</i>	
Further training	Training at the third educational and scientific level of higher education on the educational program of preparation of the doctor of philosophy (Ph.D)	
5-Teaching and Evaluation		
Teaching and learning	The educational process is based on the principles of competence-based, systemic, integrative approaches with the use of innovative, interactive technologies that determine the humanistic and creative style of subject-subject interaction of student-centered learning. Forms: classroom (lectures, seminars, practical classes, self-study assignments, individual tasks, group project work, e-learning), extracurricular (mentoring, consulting, preparation and defense of Master's work, participation in educational projects), distance learning. Methods: problem-based, problem research-based, interactive, project-based learning. Application of innovative technologies (case-study, blended learning, flipped classroom, CLIL, distance learning, cooperative learning, mobile learning)	
Evaluation	<i>Input control</i> (testing), <i>intermediate control</i> (oral survey, written express control/computer testing, colloquium), <i>final semester control</i> (credits, exams in oral, written, combined forms, testing, defense of reports on practice), <i>certification</i> (defense of Master's qualification work)	
6 - Programme competencies		
Integral competence	The ability to solve complex tasks and problems in the field of educational, pedagogical sciences, professional activity or training, which involves the use of appropriate educational, and pedagogical innovations and is characterized by uncertainty of conditions and requirements.	
General competencies (GC)	GC 1	Ability to apply knowledge in practical situations.
	GC 2	Ability to do research at the appropriate level.
	GC 3	The ability to learn and gain modern knowledge.
	GC 4	Ability to search, process and analyze information from various sources.
	GC 5	Ability to adapt and act in a new situation.
	GC 6	The ability to identify, formulate and solve problems.
	GC 7	Interpersonal skills.
	GC 8	The ability to act in a socially responsible and conscious manner.
	GC 9	Ability to communicate professionally in the official and foreign languages.
Special (professional) competences	SC 1	Ability to identify potential links between educational theory, educational policy, and the educational needs of corporations and enterprises.
	SC 2	The ability to determine the andragogical features of adult education and apply andragogical knowledge in the organization of their training.

	SC 3	Familiarity with various levels of subject-subject interaction of participants in the corporate educational process.
	SC 4	Familiarity with various technologies for creating and using educational content in corporations and enterprises.
	SC 5	Understanding the goals and features of alternative educational systems in corporations and enterprises.
	SC 6	Ability to design personnel development plan based on career planning.
	SC 7	Ability to manage educational practice-oriented projects.
	SC 8	Ability to ensure positive dynamics of educational achievements of participants of corporate educational activities.
	SC 9	Ability to use teaching materials in accordance with specific educational content.
	SC 10	Ability to analyze the effectiveness of existing systems of personnel motivation in corporations and enterprises.
	SC 11	Readiness to periodically evaluate the effectiveness of the corporate educational activities and make adjustments based on the evaluation results.
	SC 12	Ability to counsel on the creation, usage and monitoring of the effectiveness of alternative educational systems for improving the skills of personnel in their institutions.
	PCS 1	The ability to self-control, self-esteem, understanding the results of their professional activities.
7 – Program learning results		
Knowledge and understanding	PLR K-1	Demonstrate deep knowledge in the field of Humanities, apply methods of sociological, psychological and pedagogical research in the field of corporate training according to the needs of enterprises and the level of development of educational technologies.
	PLR K-2	Demonstrate deep knowledge and understanding of the basic concepts of corporate pedagogy; be aware of the possibilities of acmeological and leadership diagnostic, developmental, educational technologies in working with adults.
	PLR K-3	Professionally explain the content of labor processes and requirements to employees; skillfully select methods of selection, adaptation, motivation systems, development and evaluation of personnel in corporations; know the nature of corporate conflicts, ways to avoid and resolve them; conditions and methods for evaluating corporate management; the composition of the main elements and the mechanisms for forming a corporate culture at a modern enterprise.
	PLR K-4	Understand the specifics and significance of working professional activities in modern socio-cultural conditions; use the concepts of labor, profession, psychological meaning of labor, psychological characteristics of labor and profession; determine the specifics of the main and additional methods of labor psychology.
	PLR K-5	Understand the essential characteristics of the quality of the educational process and the main types of monitoring of the quality of education, modern programs and results of national and international comparative studies of the quality of education, regulatory documents regulating the monitoring of the quality of the educational process in corporations, in particular, their educational needs.
	PLR	Demonstrate deep knowledge and understanding of the essence,

	K-6	structure of corporate culture and features of ethical competence of the teacher; specifics, styles and models of pedagogical communication.
	PLR K-7	Demonstrate deep knowledge and understanding of the principles of corporate pedagogy; features of creating and using alternative corporate training systems; models of corporate training in modern conditions; the main elements and functions of corporate training; methods for evaluating the effectiveness of alternative corporate training systems.
	PLR K-8	Understand the content and functional features of e-educational content for mixed, electronic, and distance forms of corporate training, be fluent in modern e-learning technologies, special programs and services, create e-textbooks and manuals, educational videos, and presentations.
Application of knowledge and understanding	PLR S-1	Search, process and analyze professionally important knowledge from various sources using modern information and communication technologies.
	PLR S-2	Be able to organize and conduct scientific and pedagogical research using sociological tools and modern technologies of corporate education based on international and domestic experience.
	PLR S-3	Generalize empirical data and formulate conclusions about the specifics of the educational needs of the corporation and the conditions for the development of leadership qualities of personnel.
	PLR S-4	Develop programs of social and pedagogical interventions for personnel development based on monitoring the educational needs of the corporation.
	PLR S-5	Develop educational materials and programs, implement them, receive feedback, and evaluate the quality of staff development based on career planning.
	PLR S-6	Present research results in written and oral forms in a simple and reasoned manner, participate in scientific discussions on staff development and training using alternative training systems.
	PLR S-7	Evaluate the degree of complexity of corporate tasks and make decisions, if necessary, seek for professional assistance in staff development based on career planning.
	PLR S-8	Solve ethical and pedagogical problems of subject-subject interaction and communication based on universal values and culture, legal norms and corporate standards of institutions and enterprises.
	PLR S-9	Do analytical search for scientific information and evaluate it according to the criteria of reliability and adequacy to the corporate environment.
	PLR S-10	To adapt and modify existing scientific approaches to corporate education in specific professional situations.
Forming opinions	PLR O-1	Professionally form and justify their own theoretical and practical judgments, professional views.
	PLR O-2	Ability to objectively evaluate scientific information; freely choose the ways of scientific research; professionally apply scientific knowledge into professional activities.
	PLR O-3	Take part in professional special psychological and pedagogical events: seminars, conferences, scientific societies, discussions.
	PLR O-4	Reasonably explain, evaluate and compare trends, methodological innovations and developments in the field of corporate pedagogy.

8 – Resource provision for the implementation of the program	
Staffing	<p>The personnel support of the educational program consists of the teaching staff of the Department of Theory and History of Pedagogy, the Department of Foreign Languages and Methodologies of the Pedagogical Institute.</p> <p>The faculty of the Department of Psychology of Personality and Social Practices of the Institute of Human Sciences, Department of Computer Science and Mathematics, Department of Information and Cyber Security of the Faculty of Information Technology and Management, Department of Philosophy of the History and Philosophy Faculty, and others are involved into the teaching of specific disciplines in accordance with their competence and experience.</p> <p>The practice-oriented nature of the educational program involves a wide participation of practitioners, corresponding to the direction of the program, which enhances the synergy of practical and theoretical training.</p> <p>The head of the project group and the teaching staff, which ensures its implementation, meets the requirements defined by the License conditions for the implementation of educational activities of educational institutions.</p>
Material and technical support	Specialized offices and laboratories equipped with modern multimedia equipment, sets of educational and scientific literature on the theory and methodology of corporate training, allowing you to search, process and analyze professionally important knowledge from various sources using modern information and communication technologies.
Information, educational and methodological support	Library electronic resources, electronic scientific publications, e-learning courses with the possibility of distance learning and self-study work, Microsoft cloud services
9 – Academic mobility	
National credit mobility	
International credit mobility	
Training of foreign applicants for higher education	

II. The list of components of the educational and professional program and their logical sequence

2.1 List of EP components

Component code	E/s code	Components of the educational program (academic disciplines, practices, Master's projects/thesis)	Amount of credits	Form of final control
1	2	3	4	5
Compulsory components of the educational program				
CC 1	CDG.01	Sociology of Educational Needs	4	credit
CC 2	CDG.02	Andragogy	3	exam
CC 3	CDG. 03	Leadership in Education	2	credit
CC 4	CDG. 04	Management of Personnel	3	credit
CC 5	CDG. 05	Foreign Language for Professional Purposes	4	exam
CC 6	CDP 01	Organizational Psychology and Psychology of Labour	4	exam
CC 7	CDP 02	Monitoring the Corporate Educational Needs	4	credit
CC 8	CDP 03	Corporate Pedagogy and Personnel Development	6	exam
CC 9	CDP 04	Pedagogical Culture and Ethics	4	credit
CC 10	CDP 05	Educational Content: Technologies of Creation and Implementation	6	exam
CC 11	CDP 06	The methodology of Corporate Training	6	exam
CC 12	PP. 1	Professional Practice (methodical)	9	credit
	PP. 02	Professional Practice (pedagogical)	6	credit
CC 13	SP.1	Preparation of a qualification Master's work	4.5	defense
		Defence of qualification master's work	1.5	
Total amount of compulsory components:			60	
Selective components of the educational program				
SC 1	SDS 1.01	Internet and Applied Information Technologies in Education	5	exam
	SDS 1.02	Innovative Methods, Technologies and Monitoring of E-learning Quality	4	credit
	SDS 1.03	Design and Expertise of High-tech Information Educational Environment	4	credit
	SDS 1.04	Enterprise / Corporate IT Infrastructure Management	4	exam
	PS 1.01	Professional Practice	6	credit
Total			30	
SC 2	SD 2.00	Selection from the course catalog	30	credit, exam
Total amount of selective components:			30	

TOTAL AMOUNT OF THE EDUCATIONAL PROGRAM	90
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2.2. Structural and logic scheme of the educational program

Compulsory part

1 semester 30 credits	2 semester 30 credits	3 semester 30 credits
Foreign Language for Professional Purposes 4 cr.		
Sociology of Educational Needs 4 cr.		
Andragogy 3 cr.		
Leadership in Education 2 cr.		
Management of Personnel 3 cr.		
Organizational Psychology and Psychology of Labour, 4cr.		
Monitoring the Corporate Educational Needs, 4cr.		
Corporate Pedagogy and Personnel Development 6 cr.		
	Corporate Culture and Ethics 4 cr.	
	Educational Content: Technologies of Creation and Implementation, 6 cr.	Corporate Training Methodology, 6 cr.
	Professional Practice (methodical), 9 cr.	Professional Practice (pedagogical), 6 cr.
		Writing and defending the qualification Master's work, 6 cr.

Selective part (Annex 1)

1. Selective block "E-Learning Management"		
Internet and Applied Information Technologies in Education 5 cr.	Innovative Methods, Technologies and Monitoring of E-learning Quality, 4 cr.	
	Design and Expertise of High-tech Information Educational Environment 4 cr.	
		Enterprise / Corporate IT Infrastructure Management 4 cr.
		Professional Practice 6 cr.
2. Selection from the course catalog		
5 cr.	6 cr.	12 cr.

III. Form of certification of applicants for higher education

Certification of graduates of the educational program 011.00.03 Corporate Education and Personnel Development is carried out in the form of a Master's thesis defense and ends with the issuance of a Master's degree award document with awarding the qualification: "Master of Educational and Pedagogical Sciences".

Certification is carried out openly and publicly.

By a separate decision of the examination commission, the professional qualification "Lecturer, Consultant on the Corporate Education" can be awarded on the basis of professional mastery of the competencies provided by special blocks of disciplines and practice of this plan, which is confirmed by successful completion of certification.

Conditions for awarding professional qualifications "Lecturer, Corporate Training Consultant"

To obtain the professional qualification "Lecturer, Corporate Training Consultant", it is necessary to successfully (**with grades no less than 82**) master the competencies formed during the study of the academic disciplines of professional training CDP. 01 – CDP. 06, pass the practical training PP. 01, PP. 02, as well as the defense of Master's thesis.

The University does not have any obligations to assign professional qualifications to applicants who do not meet the conditions for awarding them.

IV. The matrix of compliance of program competencies with components of the educational and professional program

Symbols of program competencies and educational components	CC 1 (CDG. 01)	CC 2 (CDG. 02)	CC 3 (CDG. 03)	CC 4 (CDG. 04)	CC 5 (CDG. 05)	CC 6 (CDG. 01)	CC 7 (CDG. 02)	CC 8 (CDG. 03)	CC 9 (CDG. 04)	CC 10 (CDG. 05)	CC 11 (CDG. 06)	CC 12 (PP. 01)	CC 12 (PP. 02)	CC 13 (SP. 01)
GC 1	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 2	+	+		+	+	+	+	+		+	+	+	+	+
GC 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 4	+	+		+	+	+	+	+	+	+	+	+	+	+
GC 5		+	+						+		+	+	+	+
GC 6	+	+	+	+	+	+	+	+	+	+	+	+	+	+
GC 7		+	+	+	+			+			+	+	+	+
GC 8	+	+	+			+		+	+		+			
GC 9					+									
SC 1	+	+	+				+	+	+		+	+	+	+
SK 2		+												
SK 3	+	+	+	+		+		+	+		+		+	
SC 4										+	+	+	+	
SC 5				+		+		+			+			
SC 6				+		+		+		+	+		+	
SC 7				+		+		+			+	+		
SC 8				+		+		+			+	+		
SC 9								+		+	+	+	+	
SC 10							+					+	+	
SC 11							+					+	+	
SC 12	+						+	+		+	+	+	+	
PCS 1		+	+	+		+		+	+			+		

V. The matrix of providing program learning results with relevant components of the educational program

Symbols of program competencies and educational components	CC 1 (CDG. 01)	CC 2 (CDG. 02)	CC 3 (CDG. 03)	CC 4 (CDG. 04)	CC 5 (CDG. 05)	CC 6 (CDG. 01)	CC 7 (CDG. 02)	CC 8 (CDG. 03)	CC 9 (CDG. 04)	CC 10 (CDG. 05)	CC 11 (CDG. 06)	CC 12 (PP. 01)	CC 12 (PP. 02)	CC 13 (SP. 01)
PLR K-1	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLR K-2		+	+					+	+		+			+
PLR K-3						+		+	+		+		+	
PLR K-4	+					+					+	+		
PLR K-5	+						+					+	+	
PLR K-6		+	+					+	+		+	+		
PLR K-7								+		+	+	+	+	+
PLR K-8										+	+	+	+	+
PLR S-1	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLR S-2	+	+		+	+	+	+	+	+	+	+	+	+	+
PLR S-3	+	+	+	+		+	+	+		+	+	+		+
PLR S-4	+					+	+	+		+	+	+	+	
PLR S-5	+	+		+		+	+	+		+	+	+	+	+
PLR S-6						+	+		+					+
PRN S-7	+					+	+	+			+	+	+	+
PLR S-8												+	+	
PLR S-9	+	+	+	+	+	+	+	+	+	+	+	+	+	+
PLR S-10	+	+		+	+	+	+	+	+	+	+	+	+	+
PLR O-1												+	+	+
PLR O-2	+	+		+	+	+	+	+	+	+	+	+	+	+
PLR O-3														+
PLR O-4								+		+	+	+	+	+

Appendix 1-Selective part of the educational program

Students exercise the right to free choice of academic subjects, provided in paragraph 15 of the first part of article 62 of the Law of Ukraine "On Higher Education" at Borys Grinchenko Kyiv University in accordance with the Regulations on the procedure and conditions for the selection of academic subjects by students, approved by order №642 of 25.11.2016.

1. Selective block "E-Learning Management"

The student's choice of the selective block "E-Learning Management" creates conditions for deepening professional knowledge within the chosen specialty (educational program).

The selective block "E-Learning Management" is aimed at deepening professional competence in understanding the content and functional features of creating and using e-educational content for mixed, electronic, distance forms of corporate training; fluency in IT technologies for designing and managing high-tech information educational environment, as well as special programs and services for creating electronic textbooks and manuals, educational videos, presentations; formation of preparedness to distance consulting on the creation, use and monitoring of the effectiveness of alternative educational systems for improving the skills of staff in institutions.

6 - Programme competencies		
Professional (special) competencies	PCS 2	Ability to navigate in the information flow, create an IT environment of alternative training systems for corporations and enterprises.
	PCS 3	Ability to plan and implement the educational process in corporations and enterprises, with an applied use of IT.
	PCS 4	Ability to solve problems in educational and professional activities using information and communication technologies.

Matrix of compliance of program competencies with selected components of the block "E-learning Management"

Symbols of program competencies and educational components	SC 1 (SDS 1.01)	SC 1 (SDS 1.02)	SC 1 (SDS 1.03)	SC 1 (SDS 1.04)	SC 1 (PS 1.01)
GC 1	+	+	+	+	+
GC 2		+	+	+	+
GC 3	+	+	+	+	+
GC 4	+	+	+	+	+
GC 5					+
GC 6	+	+	+	+	+
GC 7					+
GC 8					
GC 9					
SC 1		+			+
SK 2					
SK 3					+
SC 4		+	+	+	+
SC 5					
SC 6				+	+
SC 7					+
SC 8					+
SC 9					+
SC 10		+	+		+
SC 11		+	+		+
SC 12		+	+	+	+
PCS 1				+	+
PCS 2	+	+	+	+	+
PCS 3	+	+	+	+	+
PCS 4	+	+	+	+	+

Matrix for providing program learning results with appropriate selective components of the "E-learning Management" block.

Symbols of program competencies and educational components	SC 1 (SDS 1.01)	SC 1 (SDS 1.02)	SC 1 (SDS 1.03)	SC 1 (SDS 1.04)	SC 1 (PS 1.01)
PLR K-1	+	+	+	+	+
PLR K-2					+
PLR K-3				+	+
PLR K-4					+
PLR K-5		+	+		+
PLR K-6					+
PLR K-7					+
PLR K-8	+			+	+
PLR S-1	+	+	+	+	+
PLR S-2	+	+	+	+	+
PLR S-3	+	+	+	+	+
PLR S-4		+	+	+	+
PLR S-5	+	+	+	+	+
PLR S-6					
PRN S-7					+
PLR S-8					+
PLR S-9	+	+	+	+	+
PLR S-10	+	+	+	+	+
PLR O-1					+
PLR O-2	+	+	+	+	+
PLR O-3					
PLR O-4					+

2. Selection from the course catalog

The selection of subjects from a catalog of courses tailored to personal needs and interests for future professional activity allows students to deepen their knowledge and to obtain additional general and professional competencies in related specialties and fields and / or to get acquainted with the modern level of scientific research in other branches of knowledge and to broaden and deepen knowledge according to general competences.