#### **BORYS GRINCHENKO KYIV UNIVERSITY**

"APPROVED" the decision of the Academic Council of Borys Grinchenko Kyiv University April 27, 2017, Minutes No. 4

Chairman of the Academic Council, Rector V. Ogneviuk

### ACADEMIC PROFESSIONAL PROGRAMME

035.04.02 Language and literature (German) the first (Bachelor) degree of higher education

Branch of knowledge 03 Humanities

Specialty: 035 Philology

Specialization: 035.04 Germanic Languages and Literature

(Translation included)

Qualification: Bachelor of Philology

Launched on September 1, 2017 (order of May 26, 2017 No. 348)

## LETTER OF APPROVAL

Germanic Philology Department	
The Minutes from 2017, No	
Head of Department	_ I. Buniiatova
Academic Council of the Institute of Philology	
The Minutes from March 21, 2017, No. 6	
Deputy Chairman	
of the Academic Council	O. Dotsenko
Scientific-methodical center of standardization and quality of education	
Head of the Center	O. Leontieva
2017	
Vice-Rector on Academic Affairs2017	O. Zhyltsov

This Academic Professional Programme was developed on the basis of the Law of Ukraine "On Higher Education" by Germanic Philology Department in the Institute of Philology of Borys Grinchenko Kyiv University taking into the Standard Project on the specialty 035 Philology for the first (Bachelor's) level.

#### Developed by a working group:

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**Solomakha Anzhelika Viktorivna**, Candidate of Pedagogical Sciences, Associate Professor of the Foreign Languages and Methodology Department, Pedagogical Institute, Borys Grinchenko Kyiv University

**Sazhko Liliia Antonivna**, Candidate of Pedagogical Sciences, Professor of Germanic Philology Department, Institute of Philology, Borys Grinchenko Kyiv University

### **Independent experts:**

**Materynska Olena Valeriivna,** Doctor of Philology, Professor, Associate Professor of the Germanic Philology and Translation Department of Taras Shevchenko Kyiv National University

**Orap Valentyna Ivanivna**, Vice Director for Educational Work of Specialized School No. 239 with in-depth study of the German language

### Reviews from representatives of professional associations / employers:

**Materynska Olena Valiriivna**, Doctor of Philology, Professor, Associate Professor of the Germanic Philology and Translation Department of Taras Shevchenko Kyiv National University

**Orap Valentyna Ivanivna**, Vice Director for Educational Work of Specialized School No.239 with in-depth study of the German language

# **Educational programme** launched since 2017 The term for reviewing the educational programme is once in 5 years.

#### **Actualized:**

Date of reviewing of	May 30, 2018	
EP/introduction of		
amendments to EP		
Signature		
The guarantor's of	Shapochkina O.V.	
EP full name		

## I. Profile of the Programme

# 035 Phililogy 035.04 German languages and literature (including translation)

	1 – General information					
The full name of higher	Borys Grinchenko Kyiv University					
educational institution	Institute of Philology					
and the structural unit						
The level of higher	Degree of the higher education: Bachelor's degree					
education and name of	Specialty: 035 Philology					
qualification in original	Specialization: 035.04 German Languages and Literature					
language	(Translation included)					
	Educational programme: 035.04.02 Language and Literature					
	(German)					
	Educational qualification: Bachelor of Philology in the area of					
	"German languages and literature (Translation included)"					
	Professional qualification:					
	2320 Teacher of German Language and Foreign Literature					
	2320 Teacher of German Language and Foreign Encolature					
The official name of the	Educational program: 035.04.02 Language and Literature					
educational programme	(German)					
cuicational programme	(German)					
The type of diploma and	Bachelor's degree, unitary, 240 ECTS credits,					
the content of the	the term of study is 3 years 10 months					
educational programme						
Availability of	National Agency for Quality Assurance in Higher Education.					
Accreditation	Ukraine.					
	Application deadline for Accreditation – 2019					
Cycle/Level	NQF of Ukraine – the 7 <sup>th</sup> level, FQ-EHEA – the first cycle, EQF-					
v	LLL – the 6 <sup>th</sup> level					
Prerequisites	Availability of Complete secondary education.					
•						
Teaching language(s)	German, Ukrainian					
The duration of the	2022					
educational programme						
The Internet address of	http://kubg.edu.ua/informatsiya/vstupnikam/napryami-					
the permanent description	pidgotovki/bakalavr.html					
of the Educational	pragoto (M) outdit (1.11till)					
programme						
2	- The aim of Educational programme					
To provide education in the	e field of German Philology (German Language and Literature)					

To provide education in the field of German Philology (German Language and Literature) with the ability to communicate fluently in other languages, wide access to employment, prepare students for further study; to form the communicative, linguistic and socio-

cultural competence of students - future teachers of the German language, taking into account their future professional needs.
3 - Characteristics of the Educational programme

3 Characteristics of the Educational programms						
3 - Characteristics of the Educational programme Subject area (branch of Philology: German Language and Literature Foreign Literature)						
Subject area (branch of	Philology: German Language and Literature, Foreign Literature,					
knowledge, major, area	area of study – English language					
of study (if available))						
Orientation of the	Educational programme is based on reliable scientific results, taking					
<b>Educational Programme</b>	into account the current state of Romance Philology. The above said					
	is to develop skills and abilities of mastering French language as a					
	means of communicating specialists at all levels (B1 +, B2) in the					
	everyday and professional areas; acquiring such language skills and					
	knowledge that a bachelor must possess as a result of studying					
	specialized disciplines. The program is multidimensional and					
	includes Modules in its structure; provides a standardized basis for					
	the development of University courses and French language					
	Curricula with the professional needs of students of Philology;					
	promotes mobility of students in Philology and their					
	competitiveness on the labor market.					
	In a broader context, the Programme is not only aimed at					
	developing pragmatic competence, but also takes into account					
	socio-cultural features of the community, where Bachelor degree					
	alumni will live and work.					
The main focus of the	General – Bachelor of Philology					
Educational programme	Special – Philologist, Translator, Teacher of German Language and					
and specialization	Literature					
Features of the	The programme provides an opportunity to obtain additional					
programme	qualifications of a Teacher of a second foreign language, Translator.					
4 – Eligibility	of graduates for employment and further education					
<b>Employment Eligibility</b>	Jobs in educational and scientific institutions, political and public					
i i j	organizations, companies, enterprises:					
	According to the National Classification of Professions SC 003:					
	2010, specialists who have graduated University by the Educational					
	programme "Language and Literature (German)" may occupy the					
	following positions:					
	2444.2 - philologist;					
	2444.2 - translator;					
	2451.2 – literary scientist;					
	2451.2 - observer;					
	2451.1 - literary critic;					
	2320 - teacher in a comprehensive educational institution (a teacher					
	of German language and foreign literature)					
Further education	Professionally oriented and scientifically oriented Master's					
	programmes of French Philology and interdisciplinary programmes,					
	similar to Philology (Journalism, Linguistics, Rhetoric,					
	similar to Philology (Journalism, Linguistics, Rhetoric, Communication theory, Linguistic culture, Dialectology, Modern					

Teaching and learning	Student-driven education is organized in accordance with democratic
	principles of teaching and personally oriented, active and creative
	approaches to educational process. Teaching is conducted in the form
	of: lectures, multimedia lectures, seminars, practical classes. Self-study
	is provided on the basis of textbooks and notes, consultation with a
	teacher, e-learning for separate educational components, individual
	classes, and group project work. During the last year of studying 75% of
	the time is spent on practice and preparation of Bachelor's papers writing
	of the diploma paper.
Assessment	The University's internal system provides and continuously
	monitors the quality of educational services, which are conducted in
	following forms of work as: written and oral exams, practice
	reports, presentations, midtern test examination, current control,
	qualification examination, coursework defending (philological and
	_ ·
	methodological block). The defending of the Bachelor's project
	(linguistic block) is evaluated in accordance with the unified system
	of BGKU's points calculation (Order No. 817 from December 15,
	2017, "On approval of the provision on the organization of the
	educational process").
	6 – Programme competencies
Integrated competence	1. The ability to solve difficult specialized tasks and practical
	problems in the area of German Philology, Literature studies and
	Translation in the process of professional activity or study that
	implies the application of theories and methods of Philological
	science and is characterized by complexity and uncertainty of the
	conditions.
	2. The ability to identify and solve complex communication tasks
	and problems, to take relevant analytical decisions in the field of
	foreign language or in the process of learning that provides for
	research and/or innovation in conditions of uncertainty.
General competencies	- GC 1 the ability to communicate verbally and in writing in
l <del>-</del>	,
(GC)	Ukrainian as a state language in all spheres of public life, but
	particular in professional activities.
	-GC 2 the ability to communicate in a foreign language in
	professional activities, to work with special literature in a foreign
	language.
	-GC 3 critical thinking, realization of personality values and
	principles.
	- GC 4 applying the obtained theoretical knowledge in practice.
	-GC 5 life - long learning to master current knowledge and the
	ability to schedule your time effectively.
	- GC 6 providing research, processing and analysis of information
	from various sources.
	– GC 7 conducting research at the proper level.
	- GC 8 possibility of identifying, defining and solving problems.
	-GC9 implementation information and communication
	technologies for solving standard tasks of professional activity.
	- GC 10 mastering abstract thinking, analysis and synthesis.
	- GC 11 acting with social responsibility, to understand the basic
	principles of human being, nature, society.
	- GC 12 ability to adapt to new situations and generate new ideas.
	1 30 12 admity to adapt to new situations and generate new ideas.

- GC 13 ability to work in a team and independently. - GC 14 formation of leadership qualities. - GC 15 applying tolerance, attention to cultural differences and the impact of different cultures and traditions on other countries. PC 1 Philological competence: the ability to orient freely in Professional various linguistic areas and schools, applying scientific analysis competencies of methods and structuring linguistic and literary material, taking Specialty (PC) into account classical and innovative methodological principles. - PC 2 Psychological and pedagogical competence: obtaining knowledge in human development principles, formation of mental processes of memory, thinking, imagination, feelings and mental qualities of the personality. - PC 3 Methodical competence: acquiring lingo-didactic skills necessary for effective work in educational institutions. - PC 4 Project competence: the ability to plan, organize, implement and present applied research in the field of French philology. - PC 5 Scientific-research competence: providing careful planning, organization and implementation of a theoretical scientific research and effectively present its results, participating in various forms of scientific communication (conferences, round tables, discussions, scientific publications) in the Philology field - PC 6 Phonetic language competence: the possession of formed phonetic skills, received pronunciation, intonational models. - PC 7 Lexical language competence: applying lexical, linguistic knowledge and skills; semantic knowledge, word forming system awareness, word-building structure and the ability to combine, methods of word-formation, lexical polysemy, lexical antonymic, lexical-semantic field and phraseology peculiarities. PC 8 Grammatical language competence: the possession of grammatical knowledge and skills, knowledge of grammatical categories, forms and functions of words, possession of appropriate grammatical structures. - PC 9 Spelling language competence: applying spelling knowledge, knowledge of spelling rules and their adequate use. - PC 10 Oral speech competence: knowledge of special vocabulary means of expressing structural organization of the text and lexical means of expressing the communicative intention. The ability to conduct a dialogue, built on a real or simulated situation and freely have a conversation with native speakers; the ability to express own opinion in accordance with certain communicative situations, within the communicativestylistic pragmatism and linguistic accuracy; possession of expressive, emotional, logical means of language and the ability of direct them to achieve the planned pragmatic results. - PC 11 Written speech competence: knowledge of special vocabulary means of expressing structural organization of the text and lexical means of expressing the communicative intention. The ability to express own opinion according to certain types of text within the parameters of communicative-

- stylistic pragmatism and linguistic correctness; the ability to create text of a certain type (reader's letter, official letter, review, comment) with 150-200 number of words; implementing expressive, emotional, logical means of language and the ability to direct them to achieve planned pragmatic result.
- PC 12 Listening competence: the ability to perceive multi-genre and versatile authentic texts by ear and respond appropriately; implementation of special vocabulary knowledge, means of expressing the structural organization of the text and lexical means of expressing the communicative intention.
- PC 13 Reading competence realizing through the knowledge of special vocabulary, means of expressing the structural organization of the text and lexical means of expressing communicative intention; understanding of reading, analysis and synthesis of received information. The ability to distinguish primary and secondary information; express own opinions according to certain types of read text in line with the parameters of communicative-stylistic expediency and linguistic correctness.
- PC 14 Regional linguistic competence: applying background knowledge about the culture of the examined country, national and cultural features of the social and linguistic behavior of the native speakers: their customs, etiquette, social stereotypes, history and culture, as well as ways of using this knowledge in the process of communication. Students' awareness in features of speech and non-speech behavior of native speakers in definite communication situations.
- PC 15 Translation competence: implementation of terminology, lexical, syntactic and morphological norms of German language and its ability to apply in the process of different types of translation. A group of competences necessary for a specialist to provide linguistic mediation both in oral and written forms. The ability to define textual features in different areas of communication; awareness of a specific text in a particular situation; applying computer technologies, electronic dictionaries and the ability to critically evaluate found information; mobilization competences gained from their core specialty and related disciplines, and successfully apply them in the process of professionally oriented texts translation.
- PC 16 Literary studies competence (deep knowledge and understanding in the field of literary studies): the knowledge of the main tendencies of development and peculiarity of the linguistic-literary process, the content of aesthetic theories, methods, trends, styles and genres of literature, history of foreign literature, folklore. Understanding of the main problems of the literature theory: literature and reality, genesis and function of literature, content and form in literature, criteria of artistry, literary process, literary style, artistic method in literature; poetics problems: image, idea, theme, poetic genus, genre, composition, poetic language, rhythm, poem, and phonics in their style sense.
- PC 17 Literary studies and critical competence: the ability to

	comprehend the art of words as a system of systems, to understand the evolutionary ways of world literary studies development.
	7 - Programme Educational Results
Knowledge and understanding of	<ul> <li>PER 1 The newest linguistic and literary theories and their interpretations.</li> <li>PER 2 Basic lexical, phraseological, phonetic, word-formation, morphological and syntactic norms of modern French language.</li> <li>PER 3 Literary concepts, main stages of the literature development, its social role, the main highlights of the life and creative ways of writers, discovering the knowledge of historical features of the people` notions of literature, artistic images; main features of the syllabic-tonic system of prosody.</li> <li>PER 4 Understanding of foreign fiction literature as a cultural and linguistic integrity, art of the word, awareness of the national originality of the literary process.</li> <li>PER 5 Psychological and pedagogical foundations of the</li> </ul>
Applying knowledge and insights:	<ul> <li>educational process at school.</li> <li>PER 6 The ability to apply speech knowledge at all levels of contemporary French literary language in line with stylistic, lexical, orphoepic and grammatical norms and the use of speech skills in pedagogical practice.</li> <li>PER 7 Fluent foreign language skills for professional and interpersonal communication.</li> <li>PER 8 Implementation of pedagogical techniques, methods of professional pedagogical self-improvement, culture of pedagogical communication.</li> <li>PER 9 The ability to build predictive scenarios and models of development of communicative and socio-cultural situations.</li> <li>PER 10 Carrying out of practical skills in designing, constructing, modeling the educational process.</li> <li>PER 11 Realizing main administrative functions of analysis, organization, control, self-control in the process of organizational-methodical, teaching-methodical, research, educational and other activities.</li> <li>PER 12 The ability to compile different types of plans for organizing the learning process in a foreign language.</li> <li>PER 13 Designing personal educational product.</li> <li>PER 14 Applying modern methods and technologies, in particular information, for successful and effective implementation of professional activity and quality assurance of scientific research.</li> <li>PER 15 The ability to determine the artistic features of the works and writer's creativity in general, using the system of basic concepts and terms of literature studies.</li> <li>PER 16 The ability to analyze and interpret foreign writers' works, to determine genre-stylistic features of works in the original language and the essential features of their translations into Ukrainian, expressing opinions on the connection between Ukrainian and other literatures.</li> </ul>

Formed Proficiency	- PER 17 Evaluate own educational and scientific-professional
·	activity, build and implement an effective strategy of self-
	development and professional self-improvement.
	- PER 18 Appreciate the diversity and multiculturalism of the
	world and possess modern principles of tolerance, dialogue and
	cooperation.
	<ul> <li>PER 19 Evaluate and critically analyze socially, personally and professionally significant problems; suggest ways to solve them,</li> </ul>
	arguing their own point of view.
	- <b>PER 20</b> Act in accordance with the rules of academic integrity.
8 – Resour	rce support for the implementation of the program
Staff Support	Germanic Philology Department provides appropriate qualified
	support of the academic process, with the involvement of specialists
	from other departments of the Institute of Philology. The teaching
	of certain disciplines is conducted by Institute of Pedagogy within
	their competencies and experience.
	The practice-oriented nature of the Educational Programme
	involves a wide participation of practitioners who are in line with
	the direction of the programme that enhances the synergy of theoretical and practical training.
	The head of the project team and the teaching staff who ensures its
	implementation complies with provisions defined by the Licensing
	Conditions for conducting educational activities of educational
	institutions.
Material and technical	Centers of competencies development are equipped with hardware
support	software, visual and didactic-methodical materials: Center for
	Applied Communication Technologies, Center for Applied
	Linguistic Technologies, Center for Technology Literacy and
	Translation Center. Classrooms are equipped with computers,
	smart boards, projectors, flip charts, which ensure the achievement of the learning objective, taking into account its specific features.
Information and	Library electronic resources, electronic scientific editions,
educational support	electronic training courses with the possibility of distance learning
	and independent work, Cloud Microsoft services.
	9 – Academic mobility
<b>National Credit Mobility</b>	Assessment of the studies' results and academic achievements is
	brought in line with the European credit system and correlated with
	the national scale of assessment that makes it possible to
	interchange credits between different universities of the country.
International Credit	Borys Grinchenko Kyiv University is the signatory of Bologna
Mobility	system and operates on the basis of agreements between partners
Foreign students	for cooperation with universities of the world.  As learning process is mainly in German, while the Ultrainian
Foreign students education	As learning process is mainly in German, while the Ukrainian language components of the programme have foreign language
cuucation	support, citizens from other countries who speaks German, not
	lower than B1, can receive education in this educational
	programme.
	programme.

# II. The list of components of the Educational and Professional Programme and its logical sequence

# 2.1. List of components of the EP

Componen t code	Code	Components of educational program	Amount of credits	Form of final				
tode	(c/d, pr.,	(educational subjects, course projects	credits	control				
1	as.)	(paper), practice, qualification work)	5					
1		Compulsory components of ED	4	3				
		Compulsory components of EP						
CC 1 CSG.01 University Studies 4 test								
CC 1		University Studies Ukrainian Studies	test					
CC 2	CSG.02		6	exam				
	CSG.03	Philosophical Studies	4	exam				
CC 4	CSG.04	Physical Education	• 4	test				
00.5	CCD 01	Formation of professional competen	1					
CC 5	CSP.01	Modern Linguistics	6	exam, test				
CC 6	CSP.02	Information Technologies in Foreign Languages	4	test				
CC 7	CSP.03	Practical Oral and Written German	26	test, exam				
CC 8	CSP.04	Practical German and Translation	24	test, exam				
CC 9	CSP.05	Critical and Analytical Reading	7	test				
CC 10	CSP.06	Practical Phonetics	6	exam, test				
CC 11	CSP.07	Practical Grammar	6	exam				
CC 12	CSP.08	Translation and Country Studies	4	test				
CC 13	CSP.09	Theoretical Phonetics	4	exam				
CC 14	CSP.10	History of German	4	exam				
CC 15	CSP.11	German Lexicology	6	exam				
CC 16	CSP.12	Theoretical Grammar	4	exam				
CC 17	CSP.13	German Stylistics	4	exam				
CC 18	ž		20	exam, test				
	В	lock of psychological and pedagogical pr	reparation					
CC 19	CSP.15	Psychology	4	exam				
CC 20	CSP.16	Pedagogy	4	exam				
CC 21	CSP.17	Methodology of Secondary School Teaching	6	exam				
Total theor	retical learni	ng	141					
		Practice						
CC 22	CP.01	School Internship	10,5	test				
CC 23	CP.02	Educational Language Internship	3	test				
CC 24	CP.03	Pedagogical Language Internship	3	test				
	CP.04	Research Practice	3	test				
Total prac	tice	19,5						
•		Attestation						
CC 25	CA.1	Complex exam on Psychology,	1,5					
		Pedagogy and Teaching Methodology						
CC 26	CA.2	Preparation and defense of a Qualification Bachelor paper	4					

Total am	ount of core	180				
	Elective components of EP *					
<b>Elective C</b>	Components	(minor in Second Foreign Language)				
EC 1.1	EMS.1.1	Practical Oral and Written English	40	exam, test		
EC 1.2	EMS.1.2	Practical Course of English Translation	6	test, exam		
EC 1.3	C 1.3 EMS.1.3 Theoretical Course of English 4 tes					
EC 1.4	EMS.1.4	4	test			
		Practice				
EC 1.5	EP 1.01	4,5	test			
		Attestation				
EC 1.6	EC 1.6 EA 1.01 Qualification exam in minor 1,5 exam					
Total for specialization						
Total amount of selective components:			60			
TOTAL AMOUNT OF EDUCATIONAL PROGRAMME				240		

# **2.2.** Structural-logical scheme of EP

			* Course	semester			
	I	I	I	III IV		V	
1	2	3	4	5	6	7	8
CSG.01							
CSG.02							
			CSG.03	CSG.03			
CSG.04	CSG.04						
CSP.1	CSP.1						
	CSP.2						
CSP.3	CSP.3	CSP.3	CSP.3				
				CSP.4	CSP.4	CSP.4	CSP.4
	CSP.5	CSP.5	CSP.5	CSP.5	CSP.5	CSP.5	CSP.5
CSP.6	CSP.6						
	CSP.7	CSP.7					
		CSP.8	CSP.8				
		CSP.9	CSP.9				
				CSP.10			
					CSP.11		
						CSP.12	
						CSP.13	CSP.13
CSP.14	CSP.14	CSP.14	CSP.14	CSP.14	CSP.14	CSP.14	
	CSP.15						
		CSP.16	CSP.16				
				CSP.17	CSP.17		
				CP.1	CP.1	CP.1	CP. 1
		CP.2					
						CP.3	
							CP.4
							CA.1
							CA.2
		EMS.1.01	EMS.1.01	EMS.1.01	EMS.1.01	EMS.1.01	EMS.1.01

	EMS.1.02	EMS.1.02	EMS.1.02	EMS.1.02	EMS.1.02	EMS.1.02
			EMS.1.03			
				EMS.1.04		
					EP.1.01	EP.1.01
						EA.1.01

## III. Form of attestation of applicants for higher education

The graduates' assessment of the Educational Programme of the specialty 035 Philology is conducted in the form of a Qualification Examination on Psychology, Pedagogy and Teaching methods, Qualification bachelor's paper preparation and its defense and ends with the issuance of a state standard document awarding Bachelor's degree with the qualification: "Bachelor of Philology specializing in: Language and Literature (German)".

Attestation is open and public.

# III. Matrix of competencies according to the program components

	CC 1	CC 2	CC 3	CC 4	CC 5	9 CC	CC 7	CC 8	CC 9	CC 10	CC 11	CC 12	CC 13	CC 14	CC 15	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21	CC 22	CC 23	CC 24	CC 25	CC 26	EC 1.1	EC 1.2	EC 1.3	EC 1.4	EC 1.5	EC 1.6
	J	0	J			C				Ü	Ö	C	C	C	Ŭ	Ü	Ŭ	Ŭ	Ŭ	Ü	Ü	Ü	Ŭ	Ü	Ŭ	Ŭ	E	E.	ΕC	E	ΕC	ΕC
GC 1		•										•						•	•	•	•	•	•	•	•	•					•	•
GC 2							•	•															•	•	•	•	•	•			•	•
GC 3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 7					•																	•	•	•	•	•					•	•
GC 8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 9	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 11	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 13	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GC 15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PC 1					•								•	•	•	•	•	•					•	•	•				•		•	•
PC 2																			•	•	•	•	•	•		•					•	
PC 3																			•	•	•	•	•	•		•					•	
PC 4													•	•	•	•	•	•	•	•	•				•	•			•			•
PC 5					•		_																		•	•						•
PC 6							•	•	•	•			•	•	•										•		•	•	•			•
PC 7 PC 8							•	•	•		•			•	_	•									•		•	•	•			•
PC 8							•	•	-		-			_											•		•	•	-			•
PC 10							•	•		•	•							•					•	•	•		•	•	•		•	•
PC 10							•	•			•							•					•	•	•		•	•	•		•	•
PC 12							•	•		•	•														•		•	•	•		-	•
PC 13			-				•	•	•		•								-						•		•	•	•	-		•
PC 14							•	•				•						•							•		•	•		•		•
PC 15							•	•			•	•				•	•	•							•		•	•	•			•
PC 16									•									•			•	•										
PC 17			-						_									•	-		•	•			-							
101/																		·														

# IV. Matrix of learning outcomes according to the program components

	CC1	CC 2	CC3	CC 4	CC5	9 CC 6	CC 7	CC 8	CC 9	CC 10	CC 11	CC 12	CC 13	CC 14	CC 15	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21	CC 22	CC 23	CC 24	CC 25	CC 26	EC 1.1	EC 1.2	EC 1.3	EC 1.4	EC 1.5	EC 1.6
PER 1					•								•	•	•	•	•	•					•	•	•				•	•	•	
PER 2							•	•	•	•	•	•	•	•	•	•	•															
PER 3									•									•			•	•										
PER 4																		•			•	•										
PER 5																			•	•	•											
PER 6			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•			•	•	•	•	•	
PER 7			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•	•			•	•	•	•	•	
PER 8																			•	•	•	•	•	•								
PER 9	•	•	•	•															•	•		•	•	•								
PER 10	•	•	•																•	•	•	•	•	•								
PER 11	•	•	•	•	•	•			•									•	•	•	•	•	•	•								
PER 12	•	•	•	•	•	•			•									•	•	•	•	•	•	•								
PER 13	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PER 14						•															•	•	•	•								
PER 15									•									•			•	•										
PER 16									•									•			•	•										
PER 17	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PER 18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PER 19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PER 20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•