3. Educational program

Guarantor of the educational program) Kondratiuk O.I.

1. Profile of educational program in specialty 051 "Economics" (specialization "Business Economy")

(°P3	ctanization dusiness Economy
	1 – General Information
Full name of HEI (Higher	Kyiv National University of Trade and Economics, Faculty of
Educational Institution) and	Economics, Management and Psychology, Department of
structural unit	Economics and Business Finance
Level of higher education	Bacheror's degree
and qualification name in	Specialty "Economics"
the original language	
Official name of educational	«Business Economy»
program	
Compliance with the	Corresponds to the standard of higher education of the
standard of higher education	Ministry of Education and Science of Ukraine
of the Ministry of Education	
and Science of Ukraine	
Diploma type and volume of	Bachelor's diploma, a unit, 240 ECTS credits, training period
the program	3 years 10 months
Accreditation	Ministry of Education and Science of Ukraine
	Accreditation Commission of Ministry of Education and
	Science of Ukraine. Accreditation period – 2017=2026.
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Cycle / Level	NQF of Ukraine (National Qualifications Framework of
	Ukraine) – 6th level, FQ-EHEA – first cycle, EQF-LLL– 6th
	level
Preconditions	- Junior bachelor's degree;
	- complete general secondary education;
	- conditions for admission to the Program are regulated by
	the Rules of admission to SUTE
Languages of instruction	Ukrainian
Program validity period	2021-2026
Internet address for	https://knute.edu.ua
permanent placement of the	
program description	
	2 - Educational Program Aim

Training of highly qualified specialists with modern economic thinking, theoretical knowledge and practical skills in organization and implementation of business processes of the business entity, able to solve research and practical problems using appropriate tools and algorithms for economic decision making.

3 - Educational Program Characteristics

Subject Area (field of knowledge, speciality, specialization)	The object of study and / or activity: patterns of functioning and development of social and economic systems, social and economic processes, their modeling, forecasting and regulation, motivation and behavior of economic subjects. The purpose of the training: training of specialists who possess modern economic thinking, theoretical knowledge and practical skills necessary for solving the tasks of the subject area. Theoretical review of the subject area: notions, categories, concepts, principles of economic sciences. Methods, technics and technologies: general scientific methods of cognition and research activity, mathematical and statistical methods of economic analysis, economic and mathematical modeling, information and communication technologies of research, distribution, and presentation of research results. Tools and equipment: modern information and communication equipment, information systems and software products used in
	professional activities.
Educational program orientation	Educational and professional. The program is based on the conceptual theoretical foundations of leading scientific economic schools and on the generalization of practical experience in economics and business; it forms relevant competencies in the labour market which provide opportunities for professional and scientific career development. It provides for the study of relevant professionally oriented disciplines in accordance with the approved programs: "Business Economics", "Marketing", "Management", "Accounting", "Business Planning", "Business and Property Evaluation", "Business Technology".
Main focus of the educational program and specialization	Special education in business, ability to organize and effectively do business, economic diagnostics and forecasting; making economic decisions on attracting and using resources, implementing business projects in accordance with the goals of entrepreneurial activity. *Keywords:* applied economic systems, economic models, economic management, management decisions, economic analysis, business analytics, effectiveness, efficiency, planning, forecasting, strategy, tactics, mission, vision, business technologies, business processes, business value, business project, investments, innovations, development.
Features of the program	In-depth study and knowledge of modern applied economic concepts (partial theories) aimed at solving real business problems; methods of analysis; efficiency and effectiveness drivers; business planning and risk reduction tools; digital technologies in business; criteria for making management decisions. Training in the Business Training Centre; classes held on the basis of a virtual enterprise using the software product 1C: Enterprise.

Industrial placement during the 3rd and 4th years of study at the leading enterprises of Ukraine (4 weeks each).

4 - Graduate	s' suitability for employment and further learning
Suitability for	Specialist with the degree of higher education "bachelor"
employment	according to the National classifier of professions DK 003: 2010
- 0	can occupy the following primary positions: the economist on
	contractual and claim works; logistics economist; planning
	economist; financial economist; pricing economist; economic
	adviser; economic consultant; economic commentator; member of
	the audit commission; economist-statistician; director (manager)
	of a small trading company; merchant; hotel manager (boarding
	house, camping, etc.); restaurant manager (cafe, dining room, etc.);
	director (manager) of a small enterprise; logistics manager;
	marketing manager; specialist - commodity market research
	analyst; chief economist, director of economics, head of the
	planning and economic department.
Further learning	Continuation of education at the second (master's) level of higher
8	education on master's educational programs in the field of knowledge
	"Social and Behavioural Sciences" and on interdisciplinary programs
	close to business economics.
	5 - Teaching and Assessment
Teaching and training	Balanced combination of classroom (review lectures, lecture-
	discussions, seminars, practical classes; work in small groups,
	simulation of situations, moderation, "brainstorming", tasks with
	the implementation of simulators, case study method, business and
	role-playing games, trainings, independent work with information
	sources, teacher consultations, distance learning) and independent
	work based on problem-oriented, interactive learning and self-
	study.
Assessment	Current control, written exams, course work on the profile discipline.
	Assessment is carried out in accordance with the "Regulations on the
	assessment of learning outcomes of students and graduate students",
	"Regulations on the organization of the educational process of
	students".
	6 - Program Competences
Integral competence (IC)	The ability of a person to solve complex specialized problems and
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GC05. Ability to communicate in the state language both orally and in writing.

GC06. Ability to communicate in a foreign language.

GC07. Skills in the use of information and communication technologies.

GC08. Ability to search, process and analyse information from various sources.

GC09. Ability to adapt and act in a new situation.

GC10. The ability to be critical and self-critical.

GC11. Ability to make informed decisions.

GC12. Interpersonal skills.

GC13. The ability to act socially responsibly and consciously.

GC14. Ability to communicate effectively (communication) and to present complex information in a concise form orally and in writing using information and communication technologies and appropriate economic terminology.

GC15. Ability to adhere to ethical principles both in terms of professional honesty and in terms of understanding the possible impact of financial decisions on the social sphere.

Professional Competences (PC)

PC1. Ability to show knowledge and understanding of the problems of the subject area, the basics of the modern economy at the micro, meso, macro and international levels.

PC2. Ability to carry out professional activities in accordance with applicable regulations and legal acts.

PC3. Understanding the features of leading scientific schools and areas of economics.

PC4. Ability to explain economic and social processes and phenomena on the basis of theoretical models, analyse and interpret the results.

PC5. Understanding of features of modern world and national economy, their institutional structure, substantiation of directions of social, economic and foreign economic policy of the state.

PC6. Ability to apply economic and mathematical methods and models to solve economic problems.

PC7. Ability to use computer technology and data processing software to solve economic problems, analyse information and prepare analytical reports.

PC8. Ability to analyse and solve problems in the field of economic, social and labour relations.

CK9. Ability to predict socio-economic processes on the basis of standard theoretical and econometric models.

PC10. Ability to use modern sources of economic, social, managerial, accounting information for the preparation of official documents and analytical reports.

PC11. Ability to substantiate economic decisions based on understanding the laws of economic systems and processes using modern methodological tools.

PC12. The ability to independently identify problems of an economic nature in the analysis of specific situations, to suggest ways to solve them.

- PC13. Ability to conduct economic analysis of the functioning and development of economic entities, assessment of their competitiveness.
- PC14. Ability to analyze in depth the problems and phenomena in one or more professional areas, taking into account economic risks and possible socio-economic consequences.
- PC15. Ability to assess, diagnose and search for opportunities to achieve positive changes in the development of economic entities or other economic entities and their structural units, search for the most effective management decisions, combination of strategies and tactics of sustainable economic development, integration of national, corporate and personal interests of participants in economic processes.

7 - Program Learning Outcomes (PLO)

- 1. Associate oneself as a member of civil society, the scientific community, recognize the rule of law, in particular in professional activities, understand and be able to exercise rights and freedoms, show respect for the rights and freedoms of others, including members of the team.
- 2. To reproduce moral, cultural, scientific values, to increase the achievements of society in the socio-economic sphere, to promote a healthy lifestyle.
- 3. Know and use economic terminology, explain the basic concepts of micro- and macroeconomics.
- 4. Understand the principles of economics, features of economic systems.
- 5. Apply analytical and methodological tools to substantiate proposals and make management decisions by various economic agents (individuals, households, enterprises and public authorities).
- 6. Use professional reasoning to convey information, ideas, problems and ways to solve them to specialists and non-specialists in the field of economic activity.
- 7. Explain the models of socio and economic phenomena in terms of fundamental principles and knowledge based on understanding of the main directions of development of economics.
- 8. Apply appropriate economic and mathematical methods and models to solve economic problems.
- 9. Apply appropriate economic and mathematical methods and models to solve economic problems.
- 10. To analyse the functioning and development of economic entities, to determine the functional areas, to calculate the relevant indicators that characterize the effectiveness of their activities.
- 11. Be able to analyse the processes of state and market regulation of socio-economic and labour relations.
- 12. Apply the acquired theoretical knowledge to solve practical problems and meaningfully interpret the results.
- 13. Identify sources and understand the methodology for determining and methods of obtaining socio-economic data, collect and analyse the necessary information, calculate economic and social indicators.

14. Identify and plan opportunities for personal professional development. 15. Demonstrate basic skills of creative and critical thinking in research and professional communication. 16. Be able to use data, provide arguments, critically evaluate logic and draw conclusions from scientific and analytical texts on economics. 17. Perform interdisciplinary analysis of socio-economic phenomena and problems in one or more professional areas, taking into account the risks and possible socio-economic consequences. 18. Use regulations and legal acts governing professional activities. 19. Use information and communication technologies to solve socio-economic problems, prepare and present analytical reports. 20. Master the skills of oral and written professional communication in state and foreign languages. 21. Be able to think abstractly, apply analysis and synthesis to identify key characteristics of economic systems at different levels, as well as the behaviour of their subjects. 22. Demonstrate flexibility and adaptability in new situations, dealing with new objects and in uncertain conditions. 23. Show skills of independent work, demonstrate critical, creative, self-critical thinking. 24. Demonstrate the ability to act socially responsibly and consciously on the basis of ethical principles, to appreciate and respect cultural diversity, individual differences of people. 25. Be able to use digital technologies in business. 8 - Resource support for program implementation Specialists who train bachelors in the educational program Staff "Business Economics" must have professional knowledge and professional skills in economics and enterprise finance, economic analysis and planning, business evaluation, digital technologies in business. The participation of foreign specialists and practitioners in the teaching of disciplines of the training cycle is possible. Material and technical Ensuring the availability of the necessary resources for the organization of the educational process, including independent support work of students, for each educational program in accordance with the Regulations on the organization of the educational process of students; Regulations on independent work of students and graduate students of SUTE. The basis of material and technical support are laboratories, computer and specialized classrooms of SUTE with modern technical and software resources that provide quality training for bachelors within the educational program "Business Economics". Social and household infrastructure of SUTE is available. Informational and Ensuring the availability of information systems for effective management of the educational process through educational- methodical support systems:

- distance learning system MOODLE (provides independent and individual training, control),
- availability of Internet access and e-mail,
- system "Dean's Office", "1-C: Accounting for Ukraine" (financial support), "Workload-schedule",
- management of WEB-resources SUTE,
- library fund management,
- OPTiMA-WorkFlow electronic document management system,
- corporate information field in the form of a "personal account" of the SUTE web portal user.

Ensuring publicity of information about educational programs, degrees of higher education and qualification: implementation of SUTE information policy; publication of information packages on the official website of SUTE, ECTS, educational programs, schedules, as well as all components of the educational process which are subject to publication in accordance with the Law of Ukraine "On Higher Education".

Ensuring an effective system of prevention and detection of academic plagiarism in the scientific works of SUTE employees and higher education seekers (publication of the text of dissertation research on the official website of SUTE), compliance with the Code of Ethics of the scientist of Ukraine.

Other procedures and measures to ensure compliance with the Licensing Conditions for educational activities by educational institutions (Order of the Ministry of Education and Science of Ukraine of August 8, 2019 № 880/33851 "On approval of the Regulations on accreditation of educational programs for training higher education").

Information support is provided by the online system for business analytics "YouControl"; educational and methodological support is implemented through the distance learning system MOODLE;

9 - Academic mobility

National credit mobility

It is provided by the legislation and is expedient when there is a necessity of studying (mastering) by students of fundamentally new courses, disciplines which are not taught in basic HEI (Higher Education Institution). Regulations on the procedure for exercising the right to academic mobility at SUTE have been developed.

International credit mobility

The University has concluded agreements on cooperation between SUTE and higher education institutions, within which partner exchange and training of students is carried out. International academic mobility is also carried out under Erasmus + International programs and projects, in particular with the following universities: Krakow University of Economics (Poland, Krakow), University of Szczecin (Poland, Szczecin),

	"Audencia" Business School (France, Nantes), University of
	Grenoble Alps (France, Grenoble), University of Paris Est Creteil
	(France, Paris), University of Central Lancashire (UK, Preston),
	University of Hohenheim (Germany, Stuttgart), Piraeus
	University of Applied Sciences (Greece, Piraeus), Kliment
	Ohridski University (Bulgaria, Sofia)
Training of overseas	Conditions and features of the educational program in the context
students	of teaching foreign citizens: knowledge of the Ukrainian
	language at a level not lower than B1.
	For foreign students the discipline "Ukrainian language" is taught
	for 1-3 semesters with a separate schedule by teachers who have
	completed special training in teaching Ukrainian as a foreign
	language.

2. List of educational program components and their logical sequence.

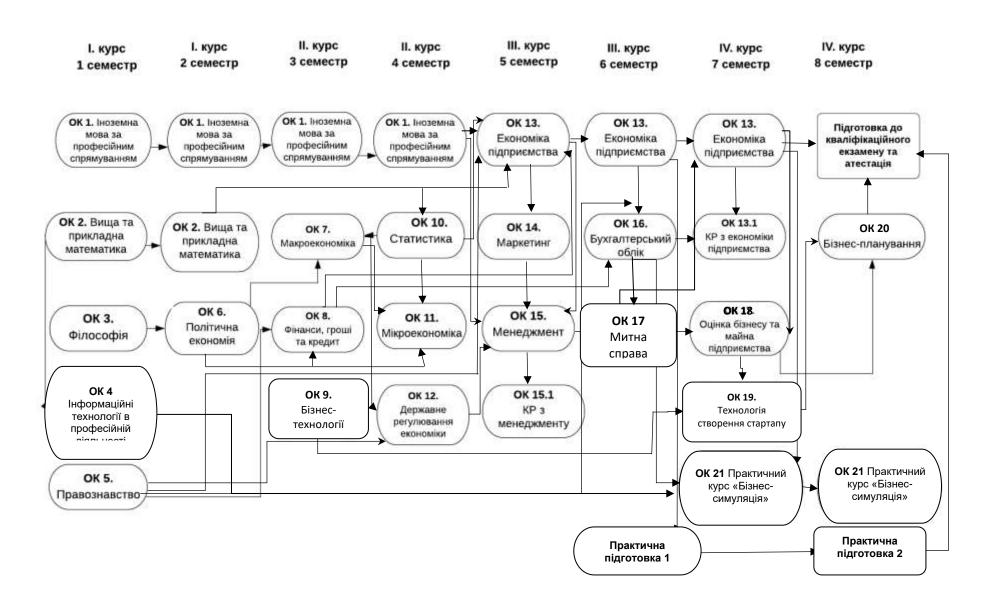
2.1 List of EP components

	Components of the educational program (academic disciplines,	Number of
Code	term projects (papers), placement, qualification exam, final	credits
	qualification work	
1	2	3
004	Compulsory components of EP (CC)	
CC 1.	Foreign Language for Professional Purposes	24
CC 2.	Higher and Applied Mathematics	12
CC 3.	Philosophy	6
CC 4.	Information Technologies in Professional Activity	6
CC 5.	Science of Law	6
CC 6.	Political Economy	6
CC 7.	Macroeconomics	6
CC 8.	Finance, Money and Credit	6
CC 9.	Business technology	6
CC 10.	Statistics	6
CC 11.	Microeconomics	6
CC 12.	State Regulation of Economy	6
CC 13.	Business Economics	18
CC 13.1	CW on the Economy of Enterprise	
CC 14.	Marketing	6
CC 15.	Management	
CC 15.1	CW on Management	6
CC 16.	Accounting	6
CC 17.	Customs business	6
CC 18.	Evaluation of Business and Property Enterprise	6
CC 19.	Start-up Technology	6
CC 20.	Business Planning	6
CC 21	Practical course "Business Simulation"	9
Total Nun	nber of Compulsory Components:	165
	Optional Components of EP (OC)	
OC 1.	Web-design and Web-programming	6
OC 2.	Audit	6
OC 3.	Life Safety	6
OC 4.	Exchange Trade	6
OC 5.	Commercial Law	6
OC 6.	Digital Technologies in Business	6
OC 7.	Diplomatic and Business protocol and Etiquette	6
OC 8.	Econometrics	6
OC 9.	Economics and Organization of Innovative Activities	6
OC 10.	Real Estate Economy	6
OC 11.	Economy of Ukraine	6
OC 12.	Economic and Mathematical Modelling	6

1	2	3								
OC 13.	Economic Statistics	6								
OC 14.	Economic Analysis	6								
OC 15.	E-commerce	6								
OC 16.	Electronic Document Management	6								
OC 17.	Enterprise Reporting	6								
OC 18.	Foreign Economic Activity of Enterprise	6								
OC 19.	History of Ukraine	6								
OC 20.	Logic	6								
OC 21.	Logistics	6								
OC 22.	International Credit-settlement and Currency Transactions	6								
OC 23.	National Interests in World Geopolitics and Geoeconomics	6								
OC 24.	Accounting for Small Businesses	6								
OC 25.	Business Law	6								
OC 26.	Payment Systems	6								
OC 27.	The Tax System	6								
OC 28.	Political Science	6								
OC 29.	European Union Law	6								
OC 30.	Forecasting of Socio-economic Processes	6								
OC 31.	Project Analysis	6								
OC 32.	Psychology of Management	6								
OC 33.	Psychology of Business	6								
OC 34.	Psychology	6								
OC 35.	Market of Securities	6								
OC 36.	World Culture	6								
OC 37.	Social Economy	6								
OC 38.	Insurance	6								
OC 39.	Probability Theory and Mathematical Statistics	6								
OC 40.	Ukrainian Language (for professional purposes)	6								
OC 41.	Managerial Accounting	6								
OC 42.	Franchising	6								
Total volu	me of optional components:	60								
	Practical training:									
Industrial	placement 1	6								
Industrial	placement 2	6								
	Attestation									
Preparation for a qualification exam and attestation 3										
Total EP	volume:	240								

For all components of the educational program the form of final control is an exam.

3.3. Structural and logical scheme of EP



3.4. Form of attestation of applicants for higher education

Certification is carried out in the form of a qualifying examination.

The qualifying examination in the specialty must verify the achievement of learning outcomes defined by the Standard of Higher Education and the educational program.

3.5. Matrix of the correspondence of program competences to EP components

Компоненти / Компетентності														1			1						
RomileTeHTHOCTT	CC1	$\frac{1}{2}$	3	CC 4	5	9 2	7	CC 8	CC 9	CC 10	CC 11	CC 12	CC 13	CC 13.1	CC 14	CC 15	CC 15.1	CC 16	CC 17	CC 18	CC 19	20	21
	Ö	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	\mathcal{C}	CC	\mathcal{C}	CC	CC	\mathcal{C}	CC	CC	CC	CC	CC	CC
GC1)									
GC 2					+	+	+					+											
GC 2						+	+		+			+		-									
GC 4		+	+	+	-		+		+	+				+			+			+			
GC 4		+	+		+								+		+		+	+	+	+	+	+	+
GC 6	H . I													+									
GC 7	+																						<u> </u>
		+		+				+	+	+					+		+	+		+		+	+
GC 8			+							+			+	+		+	+			+		+	-
GC 9			+																		+		+
GC 10																							
GC 11								+			+						+					+	+
GC 12	+										+												+
GC 13					+						+				+			+	+				
GC 14													+	+	+			+				+	+
GC 15								+		+			+	+		+				+			—
PC1						+	+	+			+	+											
PC 2	+				+							+						+	+	+			
PC 3							+					+											
PC 4			+			+	+					+		+		+	+						
PC 5	+				+	+	+					+											
PC 6		+		+						+				+								+	
PC 7	+	+		+					+	+				+	+			+		+		+	+
PC 8									+	+	+			+			+				+	+	+
PC 9									+	+												+	
PC 10										+			+			+	+	+				+	
PC 1											+					+			+	+			+
PC 12											+		+		+	+		+			+		
PC 13													+	+									+
PC 14			+					+					+				+		+	+	+		
PC 15								+			+		+	+	+	+	+					+	+

3.6. Matrix of correspondence of program competences to optional components of the educational program

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Components	OK1	OK 2	OK 3	OK 4	OK 5	OK 6	OK 7	OK 8	OK 9	OK 10	OK 11	OK 12	OK 13	OK 14	OK 15	OK 16	OK 17	OK 18	OK 19	OK 20	OK 21	OK 22	OK 23	OK 24	OK 25	OK 26	OK 27	OK 28	OK 29	OK 30	OK 31	OK 32	BK33	BK34	BK35	BK36	BK37	BK38	BK39	BK40	BK41	BK42
GC1			+		+		+				+							+	+				+		+		+	+	+								+					
GC 2			+				+				+								+				+										+		+	+						
GC 3	+					+		+	+	+		+	+	+			+	+		+	+								-	F	+	+		+	+				+		+	
GC 4	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+ -	F	+		+	+	+	+	+	+	+	+	+	+
GC 5	+	+	+	+	+	+	+		+	+	+			+			+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+	+	+	+
GC 6	+					+	+											+				+							+						+	+						+
GC 7	+	+		+		+			+	+		+	+	+	+	+	+				+	+	+	+		+	+		+		+				+	+					+	+
GC 8		+		+		+		+	+	+		+	+	+			+	+	+	+	+	+				+		+	+ -	F	+			+	+	+	+	+	+		+	
GC 9									+			+								+			+						-	F		+		+		+						
GC 10							+																								+	+	+	+								
GC 11		+		+	+				+	+			+	+				+			+		+			+	+		-	F	+				+			+			+	+
GC 12			+		+		+						+					+			+		+		+		+		+		+	+	+	+		+	+	+			+	
GC 13			+		+		+																+		+				+			+					+	+				
GC 14	+	+		+		+						+	+	+		+	+				+								-	F	+		+									
GC 15		+			+		+				+		+										+		+		+									+	+					+
PC1						+		+	+		+							+				+	+						-	F					+		+			+		
PC 2		+		+	+		+								+	+	+	+				+	+	+	+		+		+			+	+		+		+	+			+	+
PC 3											+																	+														
PC 4								+	+	+	+	+	+	+									+						-	F	+						+		+		+	
PC 5		+		+			+											+		+		+	+						+ -	F					+	+	+					
PC 6						+		+		+		+	+	+				+											-	F	+				+				+			
PC 7	+	+		+		+		+	+			+	+	+	+	+	+				+	+		+		+	+		-	F	+								+			
PC 8		+				+		+	+			+	+										+		+							+	+	+			+					+
PC 9								+	+			+	+	+													ĺ		-	F					+				+			
PC 10		+									+		+	+	+	+	+							+		+	+								+						+	
PC 11		+				+			+	+		+		+															-	F	+										+	
PC 12		+						+	+	+								+					+] -	F												
PC 13		+							+	+	+		+	+															-	F	+											+
PC 14			+	+		+						+										+					+		1-	F	+				+			+	+			
PC 15								+	+		+			+				+		+	+	+	+									+	+								+	+

3.7. Matrix for providing program learning outcomes with appropriate compulsory components of the educational program

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Compone nts / Program learning outcomes	CC1	CC 2	CC 3	CC 4	CC 5	CC 6	CC 7	CC 8	CC 9	CC 10	CC 11	CC 12	CC 13	CC 13.1	CC 14	CC 15	CC 15.1	CC 16	CC 17	CC 18	CC 19	CC 20	CC 21
1	+				+							+											
2			+									+											
3						+	+				+	+											
4						+	+				+	+											
5		+					+			+	+		+			+	+	+	+			+	
6					+							+				+					+		+
7						+																	
8		+		+						+							+			+			
9	+		+			+	+	+															
10									+	+	+			+						+		+	
11					+	+						+		+					+				
12										+			+	+	+					+			+
13		+								+		+			+		+	+		+			
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17																							
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19				+				+	+	+			+	+	+	+	+	+		+		+	+
20	+		+							+					+		+						
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3.8. Matrix for providing program learning outcomes with appropriate optional components of the educational program

· Matrix Ioi	Pr.	U 1 1	wi	<u> </u>	P	ع٠	<u>51 u</u>		100	41 1	***	8	Ju		/AAA	CD.	***	UII.	աբ	Ψ.	UP	,,,,,	uu	<i>,</i> 0	Pu	U	ı	CU	444	101	101	LUB	V.	U		cu	uc	uu	U	·	<u> Pr</u>	<u> </u>
Component s / Program learning outcomes	OK 1	OK 2		OK 4		OK 6		OK 8	OK 9	OK 10	OK 11	OK 12	OK 13	OK 14	OK 15	OK 16	OK 17	OK 18		OK 20	OK 21	OK 22		OK 24		OK 26	OK 27	OK 28		OK 30	OK 31	OK 32	OK 33	OK 34	OK 35	OK 36			OK 39	OK 40	OK 41	OK 42
1			+		+		+				+								+				+		+				+				+				+	+				
2			+																				+									+	+			+						
3		+									+							+				+	+							+							+					
4											+				+			+					+					+														
5		+				+		+	+	+		+	+	+			+	+			+	+		+						+	+				+				+			
6		+			+			+	+											+	+								+						+				+			
7						+		+	+				+																	+												
8						+		+				+	+	+				+				+								+	+				+				+			
9				+							+				+			+				+	+						+	+						+	+					
10		+							+				+	+																	+											
11		+			+				+	+	+		+		+			+				+	+		+		+		+			+	+				+	+				+
12	+								+	+											+									+	+				+							+
13		+						+	+	+	+	+	+	+		+	+	+			+	+		+		+	+			+	+				+		+		+		+	+
14																																+	+				+					
15	+			+	+	+	+				+								+	+	+	+			+				+	+	+	+	+	+	+	+	+	+	+	+	+	+
16				+			+				+					+	+			+				+		+	+										+				+	
17			+					+				+	+	+								+					+			+	+											
18		+	+	+	+											+	+	+				+		+	+	+	+		+						+			+			+	+
19	+	+		+		+	+	+	+	+		+	+	+	+	+	+					+	+	+		+	+			+	+				+	+			+		+	+
20	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
21							+				+			+						+			+					+					+				+			+		
22				+					+	+										+	+	+	+							+	+		+		+	+	+			+		+
23			+			+			+	+																				+	+		+		+		+					
24							+												+													+	+	+		+						
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