1. Educational programs

Kovalev Mary Leonidovna – docent of department international management, candidate of economic sciences, guarantor educational programs

3.1. Profile educational programs "International management" with specialty 073 "Management"

and structural Fa division C	OTEU Faculty of International Trade and Law
division C	faculty of International Trade and Law
	acuity of international frace and Law
Higher degree D	Chair international management
	Degree higher education
	pachelorspecialty
name "N	Management"
qualifications	
language the original	
Official name "I	International management"
educational	
programs	
Conformity A	Answers SVO MES of Ukraine
higher standard	
education MES	
of Ukraine	
VI I	legree, 240 ECTS credits, termteaching 3 years 10 months
the amount of	
education	
programs	
e e e e e e e e e e e e e e e e e e e	Licensed in 1991 r., accredited by the Ministry education and scienceof
	Jkraine, Ukraine
-	Certificate about ND accreditation No. 1196399 to 1 July 2024 year
e e e e e e e e e e e e e e e e e e e	NRK of Ukraine - 6 level,
	FQ-EHEA – the first cycle,
	EQF-LLL- 6th level
1	Availability full general secondary education or qualifications
	ounger specialist Jkrainian
88 8	
educational	o July 1, 2027
programs	
10	https://knute.edu.ua/
permanent	mps.//knute.cdu.ua/
placement of the	
description	
educational	
programs	
Programmy	2 – Goal educational programs
Duran question histolic	ed specialists in sphere activity international companies, transnational

Preparation highly qualified specialists in sphere activity international companies, transnational corporations, international financial and economic organizations, what includes the formation of theoretical knowledge and practical skills in students of higher education for further specialization and profiling in the field of international management through optimal a combination economic, manager's office and legal education in sphere international management in context high competition and dynamic environment

	3 – Characteristic educational programs
subject region	 Object of study: management of organizations and their divisions. Objectives training: training of specialists capable solve practical problems and complex specialized tasks, what are characterized complexity and uncertainty conditions in sphere management organizations and their subdivisions. Theoretical content objective regions: paradigms, laws, patterns, principles historical prerequisites development management; concepts of systemic, situational, adaptive, anticipatory, anti-crisis, innovative, design
	 design management, etc.; functions, methods, technologies and management decision in management. Methods, techniques and technologies: general scientific and specific methods research (calculation and analytical, economic statistical, economic and mathematical, expert assessment, factual, sociological, documentary, balance etc); methods of implementing management functions (marketing methods research; methods economic diagnostics; methods forecasting and planning; organizational design methods structures management; methods motivation; methods controlling; assessment methods of social, organizational and economic efficiency in management etc); methods management (administrative, economic, social psychological, technological); technologies justification management solutions (economic analysis, imitative modeling, tree solutions, etc.).
Orientation	Toolkit and equipment: modern informative communication equipment, informative systems and software products, that are used in management Educational and professional. her structure is based on organic
educational programs	combination practical components and fundamental theoreticaltraining in micro- and macroeconomics, statistics, international economy, management, transnationalization, international marketing management, business foreign languages Programguides on preparation innovatively thinking managers secondary and higher links with specialization "International management", in within the framework which possible further teaching and professional activity.
The main focus educational programs	The program is aimed at obtaining an education in the field of international management from in-depth study international business- operations, high equal possession foreign languages <i>Key words:</i> management, international management, international activity, subject of international business, internationaloperation
Features programs	Combination theoretical preparation students with practice indomestic and international companies In-depth study two foreign as.

Suitability to employmentEmployment in international, transnational companies of international financial and economic and governmentalorga bodies state authorities and local municipality, public org- positions specialists, functional duties whose relate to management, management assets, marketing, efficience activities, rationalization production, intellectual property and innovative activityFurther onBachelor may continue teaching on to the second (market)	anizations, in anizations in to corporate cy economic ster's) levels
Further on Bachelor may continue teaching on to the second (max	
	n system of
teaching higher education Acquisition additional qualifications is postgraduate education.	1
5 – Teaching and assessment	
Teaching andProblem-oriented teaching, what is based on conducting	
teaching "active" lectures, and exactly lectures-visualization	ns, lecture-
consultations, problematic lectures, carrying out practical	classes with
using elements business games, simulations, debate,	
storytelling, case method, conducting training classes at Edu scientific business simulation center.	ucational and
Assessment Assessment results teaching students provides carrying out activities: input, current, modular and final CONTROL, att results studies of students at DTEU are evaluated on a 100 where: 60-100 points - study results that give the stude obtained loans ECTS; 0-59 points – unsatisfactory the re that do not give the student the right to obtain ECTS or carrying out final control activities, assessment results teaching students and graduate students i "Regulations about organization educational process students"	testation The D-point scale, ent the right esults studies redits. Order filts teaching flations about in DTEU",
6 – Software competence	
Integral Ability to solve complex specialized and practical problem	-
competencecharacterized by complexity and uncertainty condition management or in process teaching, what provides ap theories and methods of social and behavioral so <i>characterized by complexity and uncertainty conditions</i>	oplication of

general	1. Ability implement your rights and harnesses as member society,
competence	realize values civil (democratic) society and necessity him sustainable
_	development, supremacy rights, rights and freedom a person and citizen
	in Ukraine.
	2. Ability save and multiply moral, cultural, scientific values and
	multiply achievement society onbasis understanding stories and
	regularities development objectiveregion, her places in general system
	of knowledge about nature and society and in development society,
	techniques and technologies, use different species and forms motor
	activity foractive recreation and leading a healthy lifestyle. 3. Ability
	to abstract thinking, analysis, synthesis. 4. Ability to apply knowledge
	in practical situations. 5. Knowledge and understanding of the
	subject area of understandingprofessional activity
	6. Ability communicate state language as orally, Yes and in writing
	7. Ability communicate foreign language
	8.Skills of using information and communication
	technologies.
	9. Ability to learn and master modern knowledge. 10. Ability to
	conduct research at the appropriate level 11 . Ability to adapt and
	actions in new situation.
	12. Ability generate new ones ideas (creativity).
	13. Appreciation and respect diversity and multiculturalism.
	14. Ability work in international context
	15. Ability act on basis ethical considerations (motives).
	16. Ability lead economic activity in compliance with

	priorities sustainable development
Special	1. Ability determine and describe characteristics organizations
competence	2. Ability analyze the results activity organization, compare them with
	factors of external and internal influence environment
	3. Ability determine prospects development organizations
	4. The ability to determine the functional areas of the organization and
	connections between them
	5. Ability manage organization and her subdivisions by
	implementation of management functions.
	6. Ability act socially responsibly and consciously.
	7. Ability to choose and use modern toolsmanagement
	8. Ability plan activity organizations and manage sometimes.
	9. Ability work in team and debug interpersonal interaction at
	solutions professional tasks
	10. Ability evaluate performed work, provide their quality and motivate
	personnel organizations
	11. Ability to create and organize effective communications in
	management process.
	12. Ability to analyze and structure organizational problems, form
	informed decisions.
	13. Understand principles and norms rights and use their inprofessional
	activity
	14. Understand principles psychology and use their in professional
	activity
	15. Ability form and demonstrate leadership quality and behavioral
	skills
	16. The ability to respond to changes in the international economic
	environment and to adapt to them on basis using the newestapproaches
	international management
	17. Ability apply knowledge functions, principles, methods, technologies
	and tools in the field of administration at the level economy,
	management subjects management and management projects.
	18. Ability conduct research macroeconomic processes, phenomenon
	and models and evaluate role subjects in security effective functioning
	national economy, her sectors and markets in terms globalization.
	19. The ability to demonstrate a market-oriented outlook and
	knowledge principles management and apply her
	tool kit and methods for formation optimal economic solutions subjects
	international business _
	international business _
	7 – Software the results teaching
	1. To know the rights and responsibilities as a member of society, to be
	aware values of civil society, rule of law, rights and freedom person and
	citizen in Ukraine.
	2. Save moral, cultural, scientific values and multiply achievement
	society, use different types and forms of motor activity for maintaining
	a healthy lifestyle life.
	3. Demonstrate knowledge of management theories, methods and
	functions, modern concepts leadership

	1
	4. Demonstrate skills problem identification and justification
	management solutions
	5. Describe content functional spheres activity organizations
	6. Detect skills search, collection and analysis information, calculation
	indicators for justification management solutions
	7. Detect skills organizational designing.
	8. Apply methods management for software efficiency activities of
	the organization
	9. Demonstrate skills interaction, leadership, team work
	10. Have the skills to substantiate effective motivational tools staff
	organizations
	11. Demonstrate skills analysis situations and implementation
	communication in different spheres of activity of the organization.
	12. Evaluate legal, social and economic consequences functioning
	organizations
	13. to communicate in oral and written form state and foreign
	languages14. Identify reasons stress adapt himself and members teams to stressful
	situations find means to her neutralization
	15. Demonstrate ability act socially responsibly and publicly
	consciously on basis ethical considerations (motives), respect to
	diversity and interculturality.
	16. Demonstrate skills independent work, flexiblethinking, openness
	to new ones knowledge, be critical and self-critical
	17. Perform research individually and/or in the group under
	management the leader
	18. Carry out choice and lead economic activity in compliance with
	priorities sustainable development
	19. Use the latest approaches international of management to
	conduct financial and economic activities on basis analysis financial
	reporting; prepare analytical reports of results activity international
	companies
	20. Apply knowledge in the field of management for implementation
	interests subjects on the level economy, enterprises and projects.
	21. Carry out assessment roles macroeconomic subjects, processes,
	phenomenon and models in security effective functioning national
	economy, her sectors and markets in conditions globalization.
	22. Demonstrate a market-oriented outlook, effectively apply
	methodology management for implementation optimal economic
	solutions subjects international business
	9 December 2
	8 – Resourceful software implementation
Personnel	Design group: three persons what have scientific degree doctor or
software	Design group: three persons what have scientific degree doctor or candidate of economic sciences and/or academic title. Specialists, what
SULWALE	carry out preparation bachelors by educational program
	"International management", should have professionals knowledge and
	have professional skills in industry internationalmanagement
	Participation of foreign specialists and practitioners is possible teaching
	discipline WITH purpose increase professional equal allscientific and
	pedagogical workers pass once every five years internship
L	

Materially-	Lectures are the basis of material and technical support the audience with
technical	appropriate multimedia equipment, computer and specialized audience,
software	laboratories DTEU
	Availability social and household infrastructure DTEU
Information and	Acting system remote teaching MOODLE provides independent and
educational	individual preparation
methodical	IN DTEU fully complied with technological requirements of educational
software	methodical and informative software educational activity
	9 – Academic mobility
National	It is expected legislation and is expedient, When occurs the necessity of
credit	studying (mastering) fundamentally new things by students courses,
mobility	discipline which not are taught in basic ZVO Developed
	position about academic mobility
International	The University concluded agreements on cooperation between DTEU and
credit	institutions of higher education within which partnership is carried out
mobility	student exchange and training. In addition, international academic
	mobility is carried out by International programs and projects as part of
	Erasmus+, in particular with the following universities: Krakow
	economic university (Poland, m. Krakow), Szczecinskyi university
	(Poland, m. Szczecin), Business school "Audencia" (France, m. Nantes),
	University Grenoble Alps (France, m. Grenoble), University Bet Est
	Cretaeus (France, m. Paris), University Central Lancashire (Big Britain,
	m. Preston), University Hohenheim (Germany, m. Stuttgart), Piraeus
	university applied of science (Greece, m. Piraeus)
	University named after Clement Ohridskyi (Bulgaria, m. Sofia)
Teaching foreign	IN academic groups are studying foreign students
university	For foreign students discipline "Ukrainian language" is taught for 1-7
graduates	semesters with separate schedule teachers who have completed special
education	teaching training Ukrainian languages as foreign

	List component OP	
	Components of the educational program (academic disciplines,	Number
Code	exchange rates projects (work), practices, qualifying exam,	loans
n/a	graduation qualification work)	Ioans
	Mandatory components OP	
OK 1.	Higher and applied math	6
OK 2.	Foreign language by professional direction	30
OK 3.	science of law	6
OK 4.	Philosophy	6
OK 5.	Ecology	6
OK 6.	Informational technologies in professional activity	6
OK 7.	Theory organizations	6
OK 8.	Macro- and microeconomics	6
OK 9.	Management	6
OK 10.	Statistics	6
OK 11.	Economy and finances enterprises	6
OK 12.	International economic activity of Ukraine	6
OK 13.	Transnationalization business	-
OK 13.1	KR with disciplines Transnationalization business	6
OK 14.	International marketing management	6
OK 15.	International economy	6
OK 16	International management corporations	0
OK 16.1	KR with disciplines International management corporations	- 9
OK 17.	International economic right	6
OK 18.	Strategic management in the international business	6
OK 19.	Accounting and taxation	6
OK 20.	Organization foreign trade operations	6
OK 21.	Practical course "Business simulation"	9
OK 22.	Export management	6
General a	mount mandatory component:	180
	Selective components OP	
VK 1	Alternative methods solution disputes	6
VK 2	Analysis economic activity	6
VK 3	Antimonopoly regulation industry markets	6
VK 4	Bank management	6
VK 5	Security life activities	6
VK 6	household right	6
VK 7	Diplomatic and business protocol and etiquette	6
VK 8	Negotiable right	6
VK 9	The second foreign language	18
VK 10	Economic and mathematical modeling	6
VC 11	Economical statistics	6
VC 12	Electronic trade	6
VC 13	Ethics business	6
VC 14	Reporting international corporations	6
VC 15	Internet technologies in business	6
VC 16	Informational war	6
	Competitive right	6
VC 17		0
VC 17 VC 18	Corporate communication in system international marketing	6

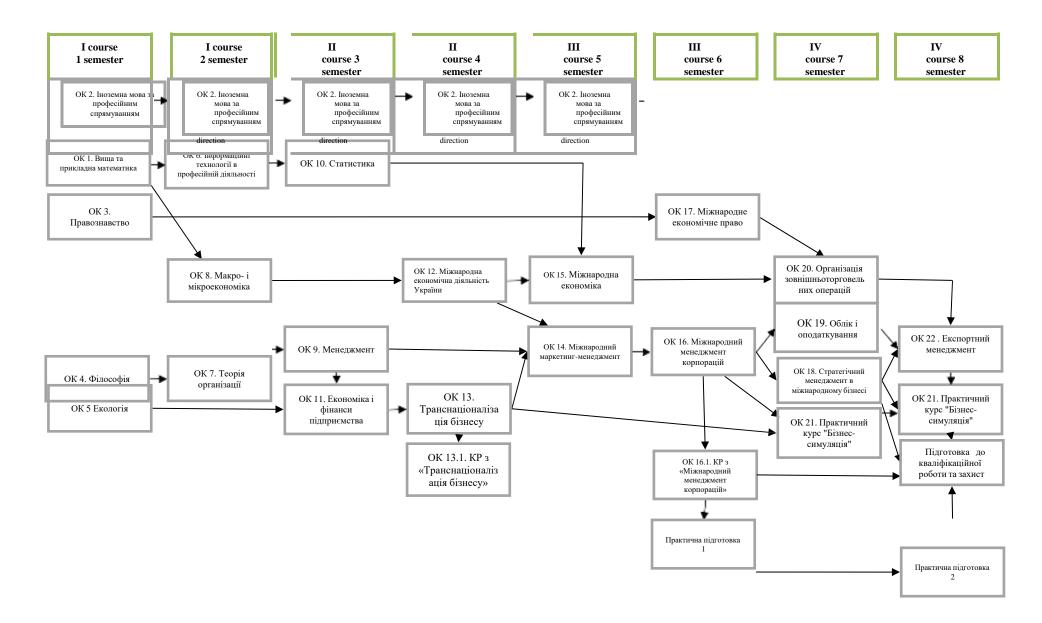
2. List component educational programs and their logical sequence List component OP

In total		9
	n qualification work and protection	6
	n to attestation	3
	Certification	
In total		9
Practical pre	eparation 2	6
Practical pre	eparation 1	3
	Practical preparation	
General a	mount selective component:	60
	the dean faculty 1	
	as well as other levels of higher education, upon agreement with	
	educational program from other educational programs, as similar,	
	"About higher education" applicants can choose components	6
	Ukraine	
v IX 47.	trajectories, taking into account position Art. 62 of the law of	
VK 49.	In order to ensure the formation of individual education	0
VK 48	Pricing on of the world goods markets	6
VK 40	Finances, money and credit	6
VK 46	Administrative accounting	6
VK 45	Management staff in international companies	6
VK 44	Management innovations	6
VK 42 VK 43	Ukrainian language (by professional direction)	6
VK 41 VK 42	Social and corporate management in organizations	6
VK 40 VK 41	Social leadership	6
VK 39 VK 40	Svitova culture	6
VK 38 VK 39	Self-management	6
VK 37 VK 38	Reputable management	6
VK 30 VK 37	Advertising management	6
VK 35 VK 36	Psychology	<u>6</u> 6
VK 34 VK 35	Politology Right solution international disputes	
VK 33 VK 34		<u>6</u> 6
VK 32 VK 33	Rating business and property enterprisesEntrepreneurial right	
VK 31	Foundations cyber security	<u>6</u> 6
VK 30	Operating management	6
VK 29	Modeling business processes	6
VK 28	International trade and economic organizations	6
VK 27	International standards accounting and reporting	6
VK 26	International standards auditor's office activity	6
VK 25	International business	6
VK 24	Marketing research on international markets	6
VC 23	Logic	6
VC 22	Cultural heritage of Ukraine	6
	Cross-cultural management	6
VC 21		

For all components of the educational program in the form of a final report control is exam.

¹ Procedure formation individual education trajectories regulated Provisions about organizationeducational process students URL : <u>https://knute.edu.ua/file/NzU4MQ==/f97864d 4b918244e228a0400a9a98f96.pdf</u>

• Structural and logical scheme OP



3. Form attestation acquirers higher education

Certification is carried out in form public protection qualification work

Qualification work has provide solution complex specialized task or practical problems in sphere management, what characterized by the complexity and uncertainty of conditions, with the use of theories and methods economic science

IN qualification work not may be academic plagiarism, falsification andwriting off

The qualifying work must be published on the institution's official website higher education or him division

Компетентн ості	Компоненти	OK1	OK 2	OK 3	OK 4	OK 5	OK 6	OK 7	OK 8	0K 9	OK 10	OK 11	OK 12	OK 13	OK 13.1	OK 14	OK 15	OK 16	OK 16.1	OK 17	OK 18	OK 19	OK 20	OK 21	OK 22
	1		•	•		•																	•		
	2				•	•																	•		
	3	•		-	•	-		•			•	-			_	•		•	•			-	-	•	
	4 5	•		•		•	•	•		•	•	•	•	•	•	•						•	•		•
	6		•							•				•	•	•									
HI.	7		•											•	•		•								
JIP	8	•	-			•	•				•			•	•		•				•	•			
загальні	9	•	•						•			•	•			•	٠			٠			•	٠	•
32	10								•		•			•	٠	•							•		
	11		•			•						•						•	•						
	12																				•				
	13			٠	•			•					•				•			٠					•
	14																								•
	15			٠																٠		•			•
	16					•						•	•								•		•		
	1 2									•		•	•		•			•	•		•	_		•	
	3							•	•	•		•	•	•	•	•		•	•		•	•		•	
	4							•						•	•	•		•	•		•				•
	5									•															
	6											•				٠							•		
• –	7															٠		٠	٠						
РН	8																					٠		•	
ал	9					•																			
спеціальні	10													•	•						٠				
SIL6	11																							٠	
0	12 13																	•	•	-				•	
	15			•																•					
	14									•		•													
	16									-		-	•	•	•		•	•	•					•	•
	10												-	-	-		-	-	-	•			•	•	-
	18								•														•	•	
	19									•			•			•									

4.1. Matrix compliance software competencies mandatory components educational programs

Компетентності		Компоненти BK 1.	BK 2.	BK 3.	BK 4.	BK 5	BK 6.	BK 7	BK 8	BK 9. BK 10.	DV 11	BK 11. BK 12	BK 13	BK 14.	BK 15	BK 16	BK 17.	BK 18.	BK 19.	BK 20	BK 21	BK22	BK 23	BK 24.	BK 25.	BK 26	BK 27.	BK 28	BK 29	BK 30.	BK 31	BK 32.	BK 33.	BK 34.	BK 35.	BK 36.	BK 37.	BK 38. BK 39	. (C XII	BK 40.	BK 41	BK 42.	BK 43	BK 44.	BK 45,	BK 46.	BK 47.	BK 48.
Kow																																																
	1	•				•		•	•				٠				•					٠											٠	•	•						•							
	2					٠		•					٠									٠												٠						•	•							
	3		٠							•	•	•			•	•							•	٠		•			٠		•															٠		
	4	•	•	٠					٠		•	•	٠			•	•						٠			•	٠		٠	•	٠	•	•	٠	•			•				٠		٠		٠	•	•
	5			•		٠															٠									•	•											٠		•	•			I
	6																																										•					
.H	7																																															
E E	8									•	•				•			•		•				•		•			•								•									•		
загальні	9						•					•			•	•		•	٠				•	٠			٠	•				٠					•	•		•							•	•
3a	10		٠								•							•						٠		•			٠																			
	11				٠	٠		٠					٠							٠								٠			٠	٠		٠		٠		• •			•				•		٠	
	12											٠				•																					•				•				٠			1
	13	•						٠					٠						•		٠				•								٠	٠	•			•		•	•							
	14													٠										٠			٠																					
	15													٠						٠	٠												٠		•	٠		•							٠	٠		
	16			٠								٠				•									•					٠	٠							•						٠			٠	
	1		٠	٠										٠							٠					•			٠			٠										٠		٠		٠	٠	
	2		٠							•		٠		٠		•		•								•			٠		٠															٠		
	3																														٠																	
	4			٠																																						٠		٠				
	5													٠					•											٠		٠									•						٠	
	6					٠	٠										•	•				٠					٠	٠			٠							•							٠			
	7				٠	٠														٠										•						٠									٠	٠		
спеціальні	8														•										•					•						٠									٠			
	9						٠																													٠		•							٠			
lia	10					٠												•																														
er	11													•																																		1
CII	12		•				•					٠				•																	٠		•													1
	13					•			•								•	\neg																														
	14		1	1				•			1		٠								٠											٠		٠		٠						٠			٠		٠	
	15		1	1							1			٠																																		
	16				٠							•				•		\neg		\neg					٠	\neg	•	\neg			٠				+		\top					\neg						•
	17		1		٠				٠			•				•				٠					٠						٠																	
	18										•					•												•																				•
	19				•															•					•					•																		•

4.2. Matrix compliance software competencies selective components educational programs

	-		program																					
Програмні результати навчання Компоненти	OK1	OK 2	OK 3	OK 4	OK 5	0K 6	OK 7	OK 8	0K 9	OK 10	OK 11	OK 12	OK 13	OK 13.1	OK 14	OK 15	OK 16	OK 16.1	OK 17	OK 18	OK 19	OK 20	OK 21	OK 22
1		•	•		•																	٠		
2				•	•																	•		
3							٠		٠		٠		•	٠	•		٠	٠		٠				
4	•		٠		٠	٠			٠	•	٠	•	٠	٠		٠	•	•		•	٠	•	٠	٠
5							٠		٠						•		•	٠						
6	•					٠		•		•		•	٠	٠		•	•	٠			•			
7	_												٠	٠			•	٠			٠			
8	_		-						•		•				•		•	•		•	-		•	٠
9 10	-		•	-					•		•						•	•		•	•		•	
					-		-			-					-		•	•					-	
11 12	•		•	•	•		•			•	•				•		•	•	•	•	•		•	•
12	-	•	•								•		•	•	•		•	•	•	•	•			•
13	-	-											•	•			-	-						-
15		٠	•	•			•					•	•	•		•			•			•		٠
16	•	٠			٠			٠			٠	٠			٠	٠			٠	٠		٠	٠	٠
17					•			•		•			•	•	•		•	•				•		
18	1	1	1		٠						٠	٠	•	٠								•	٠	
19												•												
20																			•			•	•	
21								•														•	•	
22									•			•			•									

5.1. Matrix of provision of program learning outcomes with relevant mandatory componentseducational

	-	-	-		-	1	1	1	1	-	1	1	1		0	-	-				1	1	1 1		1 1		L	1	-		1	1	-	1	-	- 4	2						<u> </u>		<u> </u>	<u> </u>			
Програмні результати навчання Компоненти	NOMIIOHEHTH	• BK 1.	BK 2.	BK 3.	BK 4.	• BK 5	BK 6.	• BK 7.			BK 10.	BK II.	BK 12	• BK 13.	BK 14 0	BK 15	BK 16	• BK 17	BK 18	BK 19	BK 20.	BK 21.	• BK 22	BK 23.	BK 24	BK 25.	BK 26.	BK 27.	BK 28.	BK 29.	• BK 30	BK 31	BK 32	• BK 33.	• BK 34.	• BK 35.	BK 36	BK 37.	BK 38.	BK 39.	• BK 40.	• BK 41	BK 42.	BK 43	BK 44.	BK 45.	BK 46.	BK 47.	BK 48.
1		•					-	-	-	<u> </u>	-	-						•							$\left \right $		_			_	•			•		•	\rightarrow						⊢	\rightarrow	\vdash				┢
2 3	-+		+		_	•		•	-	-				•					•				•				_				_				•		\dashv		_	_	•	•	\vdash	$ \rightarrow $				_	-
	-+		_	•		•	-	-	-	•		-		•								٠			$\left \right $		-	_				_	•	_	_	_	-	•	•	•			•		•			•	_
4 5	+	•		•	•	•	-	•	•	'	-	•		•	•		•	•			•			•	$\left \right $		•	•	-+	•	•	•	•	•	•	•	\rightarrow	•	•			•	•	$ \rightarrow $	•	•	•	٠	•
<u> </u>	+	-+	•	•			-		-	_	•	•	•		•		•	•			•						•			•		•					-	•					-	-	-		•		┣—
7	+		•	-					-	_	-	-	-		•	•	•	•			-				•		•			•		•					-	•					\vdash		\vdash		•		┝
8	+	+	_	•	•	•			+	+					•						•	•			$\left \right $	•	•			•			•				\dashv						•	-	•	$ \rightarrow$	•	•	-
9	+	•	_	•	•		-	•	+	+				•	•						⊢	•				•	•				•		•		•		•						•		•	•	•	•	
10	+	-		-	_		-		-	-		\vdash	-	-							<u> </u>				$\left \right $	-					-		-		-		•					•		-		•	-	-	┢──
10	+	+	•	+			-	+		+	•	•	•			•	•							•	•				-+	•		•	-+				$\overline{-}$					-	\square		\square		•		├
12	+	•	-			•	•	-	•	, –			-		•	-	-	•		•	•			-	-		•			-	•	-	•	•		•	\neg						\square		\square		•	•	┢──
13							-			•																																		•					<u> </u>
14								1		1	1																										٠			٠									<u> </u>
15		•				٠	•	•		•				٠	٠					•		٠	•			٠	٠	٠	•		٠			٠	٠	٠	٠	•	٠	٠	٠	•				٠			t
16			•				٠	1	1	٠	٠		٠			٠	٠		•	•				٠	٠			٠	٠			٠	٠							٠	٠				٠			٠	•
17			•				٠	1	1		1	٠				٠			٠		l				٠			٠		٠							٠			٠			i		i	٠			
18								1		1	1	1	٠		٠		٠									٠	٠					٠							٠				i İ		i İ				
19					٠								٠													•		•																					•
20					٠				•)											٠					•																							
21												٠	٠																٠																				٠
22					•								1				٠				٠					•					•	•						٠					1		1 T				٠

5.2. Matrix software software results teaching appropriate selective components educational programs

Sheet registration changes

	i		changes		
No	Date	Items, to whose are introduced changes	Initiator change s	Surname, initials person who responds by introduction changes	Signature
				changes	