MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE SUMY NATIONAL AGRARIAN UNIVERSITY Faculty of Veterinary Medicine Department of Therapy, Pharmacology, Clinical Diagnostics and Chemistry

MODULE SYLLABUS

Special propaedeutics, therapy and prevention of internal diseases of animals

(required)

Implemented in the "Veterinary Medicine" Academic Program Area of specialization 211 " Veterinary Medicine" at the second (master 's) level of higher education

Sumy-2021

Author:

Ulko LG, Ph.D., Professor

Considered, approved and	protocol from 08.06.2021. № 15							
approved at the meeting of the department Therapy, pharmacology, clinical diagnosis and chemistry	The head Department Ph.D., Professor Ulko LG							
Agreed: Guarantor of the Academic program (L. Ulko)								
Dean of the Faculty	(O. Nechyporenko)							
Review of the work pr	rogram provided: <u>Sklyar OI</u>							
	Shkromada OI							
Methodist of the Department of Education Quality, licensing and accreditation (Danuelle 12)								
Registered in the elec	tronic database: date: 02, 03, 2021							

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Syllabus review data:

Academic	The number of the	The changes have been reviewed and approved							
year in which changes are made	appendix to the work program with a description of the changes	Date and number of the minutes of the meeting of the department	Head of Department	Guarantor of the educational program					

1. MODULE OVERVIEW

1. GE	NERAL INFORMATION ABO	OUT THE E	DUCATIONAI	COMPONENT					
1.	Name OK	Special propaedeutics, therapy and prevention of internal diseases of animals							
2.	Faculty / department	Veterinary	Medicine / Ther	apy, Pharmacology	, Clinical				
		Diagnostic	s and Chemistry						
3.	Status OK	Obligatory							
4.	Program / Specialty	Veterinary	medicine / 211	«Veterinary medici	ne»				
	(programs), the component of which is OK for (to be filled								
	in for mandatory OK)								
5.	OK can be suggested for (to	-							
	be filled in for selective OK)								
6.	Semester and duration of	1, 2 semesters, 15+15 weeks							
7	Number of ECTS gradits	5							
7. 8	The total number of hours and	Contact we	rk (classes)		Individual				
0.	their distribution	Contact we	IK (Classes)		work				
	then distribution	Lectures	Practical /	Laboratory	WOIK				
		Lectures	seminar	Luborutory					
9.	5- Semester	16		30	44				
10.	6- Semester	-		30	30				
11.	Language of instruction	English							
12.	Teacher / Coordinator of the	Ulko Larys	a Hryhorivna, v	eterinarian. n., prof	essor				
	educational component			-					
11.1	Contact Information	Corp. 3, of	fice 72						
		larisau@uk	r.net						

-		
		https://vet.snau.edu.ua/kafedri/kafedra-terapi%d1%97-
		farmakologi%d1%97-klinichno%d1%97-diagnostiki-ta-
		ximi%d1%97/sklad-kafedri/ulko- larisa-grigorivna-zav-
		kafedri-profesor-doktor-veterinarnix-nauk /
13.	General description of the	The educational component is related to the general objectives
	educational component	of the OP and covers aspects of the formation of a modern
	1	specialist veterinarian in-depth theoretical knowledge and
		gaining practical skills from diagnosis, therapy and prevention
		of internal diseases of animals
14.	The purpose of the	Training of highly qualified specialists who are able to
	educational component	solve complex issues related to production
		conditions general clinical and special methods of diagnosis of
		internal diseases of animals and correctly determine the set of
		therapeutic measures Offormation of scientific clinical
		thinking in-depth special knowledge and skills of innovative
		nature professional ethics in outpatient reception as well as
		the development of modern methods of diagnosis treatment
		and prevention of non-communicable diseases in animals
15	Prerequisites for studying	The study of "Special propage deutics therapy and prevention
15.	OK the relationship with	of internal diseases of animals" is based on knowledge of
	other educational components	clinical diagnostics which allows to master the methods of
	of OP	animal research to study the main symptoms of diseases and
		general principles of their diagnosis Successful treatment of
		animals is impossible without knowledge of pharmacology
		and disease prevention is based on knowledge of feeding and
		hygiene of animals. The subject is closely related to such
		clinical disciplines as epizootology surgery obstetrics and
		gynecology
16	The policy of academic	No manifestations of academic dishonesty are allowed during
10.	integrity	the study of OK Systems are tools for counteracting
	integrity	violations of academic integrityPlagiarism check algorithm. In
		case of violations, the response is in accordance with the
		regulations on the academic integrity of participants in the
		educational process in Sumy NAU (https://spau.edu.ua/viddil-
		zabezpechennya-vakosti-osviti/zabezpechennya-vakosti-
		osviti/akademichna-dobrochesnist/) If a violation of academic
		integrity is detected the completed task is not credited and is
		sent for re-execution
17	Course link in Moodle	https://cdn.snau.edu.ug/moodle/course/view.php?id=2640
1/.		nups.//cun.snau.cuu.ua/mooure/course/view.php?iu=3049

2. CORRELATION BETWEEN MODULE LEARNING OUTCOMES (MLOs) AND PROGRAM LEARNING OUTCOMES (PLOs)

MLOs:	Pr	ogra	n le	arnin	g 011	tcome	s to h	e.	As estimated by RND
On successful completion of the	achieved by the OK (indicate the					The estimated by RTD			
module the learner will be able to:	nur	nher		rdine	on to f	he nu	mberi	ing	
module the learner will be able to.	nui	noei	oiv	on in	the ($(\mathbf{P})^1$		mg	
			giv			51)	_		
	1	5	3	4	9	7	10	11	
	,Os	SO'	,OS	SO'	Ő	SO,	Os	Os	
	ΡΙ	ΡΙ	ΡΙ	ΡΙ	Ы	Id	PL	PL	
MLOs 1. Understand the importance	+	+	+	+			+		
of discipline in shaping the									-Oral control
worldview of a veterinarian. Adhere									(participation in a
tosafety rules when working with									discussion on the
small animals. Distinguish the									topic of the lecture)
concept of symptom, prognosis,									- Laboratory-practical
diagnosis, syndrome. Be able to									control (performance
capture animals. Apply the scheme of									of tasks in laboratory
clinical research of animals. Carry									works)
out registration and collection of									-Written control
anamnesis. Use methods of clinical									(performance of tasks
and laboratory diagnosis of internal									on independent work
diseases of animals. Identify									salf study of the topic
symptoms and syndromes based on									sen-study of the topic
auscultation of the heart. Determine									as a whole of
the limits of relative and absolute									individual issues of
cardiac dullness. Apply physical									independent work
methods to study the state of the									(test results,
bronchopulmonary system. Analyze									preparation of
the results. To determine a set of									presentations,
treatment measures for diseases of									presentation report of
the cardiovascular and respiratory									self-developed
systems. Master the methods of									material))
prevention and treatment of diseases									-Solving situational
of the cardiovascular and respiratory									problems
systems									
MLOs 2. Applyscheme of clinical	+	+	+	+		+			-Oral control
research of animals Carry out		·							(participation in a
registration and collection of									discussion on the
anampesis Conduct clinical and									topic of the lecture)
laboratory and special studies for									- Laboratory-practical
disasses of the asstrointestinal tract									control (performance
and liver Identify the main									of tasks in laboratory
and invert identify the main									
symptoms, syndromes and know the									Works).
principles of treatment of									- written control
gastrointestinal diseases and diseases									(performance of tasks
of the urinary system in animals.									on independent work,
Know the topographic anatomy and									self-study of the topic
structure of the urinary system in									as a whole or
animals. Know the main symptoms,									individual issues of
syndromes and principles of									independent work

diagnosis and treatment of endocrine diseases in animals. Have modern methods for diagnosing pathology of the endocrine system in animals. Identify the main symptoms. Diagnose metabolic disorders. Analyze and interpret the identified changes. Determine a set of therapeutic measures.								(test results, preparation of presentations, presentation report of self-developed material)) - Solving situational problems
MLOs 3. Know the main cardiorespiratory syndromes and principles of diagnosis and treatment of diseases of the cardiovascular and respiratory systems. Understand norm and pathology of the upper respiratory tract in different species of animals. Analyze the identified changes in the respiratory system of animals. To understand the results obtained as a result of auscultation and X-ray examination of the respiratory system. Distinguish between physiological and pathological respiratory noises. Conduct sounding of different species of animals. Understand the results of a clinical trialdigestive system. Distinguish norm and pathology at clinical research digestive system.Use clinical methods of research of animals with pathology of the digestive system and liver. Analyze and interpret the identified changes. Determine a set of therapeutic measures.	+	+	+	+	+		+	 Oral control (participation in a discussion on the topic of the lecture) Laboratory-practical control (performance of tasks in laboratory works). Written control (performance of tasks on independent work, self-study of the topic as a whole or individual issues of independent work (test results, preparation of presentations, presentations, presentation report of self-developed material)) Solving situational problems
of therapeutic measures. MLOs 4. Analyze and interpret the identified changes in the study of the nervous system of animals, in particular the behavior of animals Distinguish norm and pathology of the nervous system of animals, in particular the behavior of animals. Know the main symptoms, syndromes and principles of diagnosis, treatment and prevention of endocrinopathies. Know the anatomical and physiological features of the kidneys and urinary tract, classification of diseases of the urinary system. Identify the main syndromes, diseases of the urinary system. Determine a set of therapeutic measures.	+	+	+	+		+		 Oral control (participation in a discussion on the topic of the lecture) Laboratory-practical control (performance of tasks in laboratory works). Written control (performance of tasks on independent work, self-study of the topic as a whole or individual issues of independent work (test results, preparation of presentations, presentation report of

				self-develo	ped
				material))	
				- Solving problems	situational

5. WO		INDICA			D 11
Topic.	Distri	bution wit	Recommended		
List of issues to be addressed	01		Books		
within the topic		issroom w	ork	Individual work	
	Luke	P.z /	Lab.		
		semin.	with.		
		with			
Topic 1. Introduction. The subject	2		4	4	[1,3, 7, 12,13]
and content of the discipline, its					
structural and logical scheme,					
importance in the formation of a					
veterinarian.					
Topic 2. Special propaedeutics of	2		8	8	[2,5, 9, 16, 18,
animals for diseases of the					20]
cardiovascular system. Special					_
propaedeutics for diseases of the					
respiratory system.					
Topic 3. Special propaedeutics for	2		8	10	[1, 2, 6, 11, 17,
diseases of the digestive system					21]
and liver. Special propaedeutics for					
diseases of the urinary system					
Topic 4. Special propaedeutics for	2		8	10	[1, 3, 8, 13, 15,
diseases of the endocrine system.					19]
Special propaedeutics for					_
metabolic diseases. Special					
propaedeutics for diseases of the					
blood system. Special					
propaedeutics for diseases of the					
immune system, autoimmune					
diseases and allergies			-		
Topic 5. Clinical cardiology.	2		8	10	[3, 5, 6, 8, 13]
Clinical pulmonology.					
Classification of diseases of the					
respiratory system. The main					
causes and mechanisms of					
development					
Topic 6. Clinical gastroenterology	2		8	10	[4, 7, 10, 16,
and hepatology. Classification of					21]
diseases. The main causes and					
mechanisms of development.					
Principles of therapy and					
prevention				1.4	
1 opic /. Clinical nephrology and	2		8	14	[2, 6, 9, 12, 17,
urology. Clinical endocrinology.					20]
Special prevention and therapy of					

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3. MODULE INDICATIVE CONTENT

animals with metabolic diseases. Clinical immunology and immunopathology. Special prevention and therapy of animals with diseases of the blood system				
Topic 8. Clinical neurology. Diseases of the nervous system: (Vascular diseases of the nervous system. Diseases of the brain and spinal cord and meninges of inflammatory and dystrophic nature. Transmissible spongiform encephalopathies. Functional nervous diseases)	2	8	8	[1, 3, 5, 8, 19]
Together	16	60	74	

4. TEACHING AND LEARNING METHODS

MLOs	Teaching methods (directed study)	Hours	Learning methods (self-directed study)	Hours
MLOs 1.	Survey of students with an explanation of key issues of the subject. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and drawings, answers to students' questions. Mastering practical skills, methods of laboratory work (the concept of symptom, prognosis, diagnosis, syndrome, fixation of animals). Work with animals / biological materials.	16	Independent processing of materials on the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material Fr.drawing up a synopsis of independent work Acquaintance with the information of official sites on a subject of employment or a separate question. Solving situational tasks (orally: registration and collection of anamnesis, use of the obtained data for further research of animals).	16
MLOs 2.	Survey of students with an explanation of key issues of the subject. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and drawings, answers to students' questions. Mastering practical skills, methods of laboratory work (the concept of symptom, prognosis, diagnosis, syndrome, fixation of	20	Independent processing of materials on the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material Fr.drawing up a synopsis of independent work Acquaintance with the information of official sites on a subject of employment or a separate question. Solving situational tasks (orally: registration and collection of anamnesis, use	20

	animals). Work with animals / biological materials.		of the obtained data for further research of animals).	
MLOs 3.	Survey of students with an explanation of key issues of the subject. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and drawings, answers to students' questions. Mastering practical skills, methods of laboratory work (the concept of symptom, prognosis, diagnosis, syndrome, fixation of animals). Work with animals / biological materials.	20	Independent processing of materials on the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material Fr.drawing up a synopsis of independent work Acquaintance with the information of official sites on a subject of employment or a separate question. Solving situational tasks (orally: registration and collection of anamnesis, use of the obtained data for further research of animals).	20
MLOs 4.	Survey of students with an explanation of key issues of the subject. Interactive discussion of the topic in the form of a discussion, which includes information presented in diagrams and drawings, answers to students' questions. Mastering practical skills, methods of laboratory work (the concept of symptom, prognosis, diagnosis, syndrome, fixation of animals). Work with animals / biological materials.	20	Independent processing of materials on the topic. Memorization of theoretical material, observation. On the basis of the studied and processed material Fr.drawing up a synopsis of independent work Acquaintance with the information of official sites on a subject of employment or a separate question. Solving situational tasks (orally: registration and collection of anamnesis, use of the obtained data for further research of animals).	18

5. ASSESSMENT

5.1. Diagnostic assessment

5.2. Summative assessment

5.2.1. Intended learning outcomes methods:

N⁰	Methods of summative evaluation	Points / Weight in	Date of
		the overall score	compilation
1.	Current control:	40 points / 40%	4 13
	Thematic survey		weeks
	Execution of tasks in laboratory-practical		
	classes		
2.	Protection of the project on the study of	15 points / 15%	4 13
	animal behavior, problem solving.		weeks
	demonstrative performance of research		
	tasks, solving situational problems,		
	presentation and defense of a practical task		
3.	Periodic control, computer testing	15 points / 15%	8 weeks
4.	Multiple choice test (or written work)	30 points / 30%	Week 16,
			on schedule

5.2.2. Grading criteria

Component	Unsatisfactorily	Satisfactorily	Okay	Perfectly
Current	<20 points	21-30 points	31-39 points	40 points
control:	Task	Most of the	Most of the	All requirements
thematic survey	requirements	requirements	requirements	of the task are
performing	not met.	are met, but	are met, but	fulfilled,
tasks in		some	some	creativity,
laboratory-		components	components	thoughtfulness is
practical		are missing or	are missing.	shown, own
classes		insufficiently	Reproduced	solution of a
		disclosed,	knowledge of	problem is offered.
		there is no	directly	Reproduced
		analysis of	presented	knowledge
		other	material	obtained outside
		approaches to	within the	the directly
		the issue.	program with	presented material
		Partially	some	within the
		reproduced	evidence of a	program.
		knowledge on	broader study.	
		the basis of		
		directly		
		presented		
		material		
		within the		
		program.		
Periodic	<3 points	4-10 points	11-14 points	15 points
control,	Task	Most	Most of the	All requirements
computer	requirements	requirements	requirements	of the task are

testing Protection of the project on the study of animal behavior, problem solving. demonstrative performance of research tasks, solving situational problems, presentation	not met	are met, but some components are missing or insufficiently disclosed, there is no analysis of other approaches to the issue	are met, but some components are missing	fulfilled, creativity, thoughtfulness is shown, own solution of a problem is offered
a practical task				
Multiple	<11 points	12-20 points	26-29 points	30 points
choice test (or written work)	Task requirements not met	Most requirements are met, but some components are missing or insufficiently disclosed, there is no analysis of other approaches to the issue	Most of the requirements are met, but some components are missing	All requirements of the task are fulfilled, creativity, thoughtfulness is shown, own solution of a problem is offered

5.3. Formative assessment

N⁰	Elements of formative assessment	Date	
	1 semester		
1.	Oral feedback after studying topics 1-3, 4-8	3 weeks	
2.	Written feedback on topics 1-3	Within 1 week after	
		assembly	
3.	Testing after studying topics 4-8	8 weeks	
4.	Intermediate control	According to the schedule	
5.	Current control (testing, generalization of points)	15 weeks	
	15 weeks		
2nd semester			
6.	Oral feedback after processing topics	3 weeks	
7.	Written feedback after processing topics	Within 1 week after	

		assembly
8.	Testing after studying topics	8 weeks
9.	Multiple choice exam (or written work), on	According to the schedule
	schedule	(15 weeks)

6. LEARNING RESOURCES

6.1.Main sources

1. Clinical diagnosis of animal diseases / [Levchenko VI, Vlizlo VV, Kondrakhin IP etc.]; For order. VI Levchenko. - Bila Tserkva, 2017. - 544 p.

2. Clinical diagnosis of internal diseases of animals / [VI Levchenko, VV Vlizlo, IP Kondrakhin and others]; for order. VI Levchenko. - Bila Tserkva, 2004. - 608 p.

3. Veterinary clinical biochemistry / [VI Levchenko, VV Vlizlo, IP Kondrakhin and others]; for order. VI Levchenko and VL Галяса. - Bila Tserkva, 2002. - 400 p.

4. Internal diseases of animals / [Levchenko VI, Kondrakhin IP, Vlizlo VV etc.]; For order. VI Levchenko. - Bila Tserkva, 2012. - Part 1. - 528 p.

5. Internal diseases of animals / [Levchenko VI, Vlizlo VV, Kondrakhin IP etc.]; For order. VI Levchenko. - Bila Tserkva, 2015. - Part 2. - 610 s.

6. Methods of laboratory clinical diagnosis of animal diseases / [VI Levchenko, VI Golovakha, IP Kondrakhin and others]; for order. VI Levchenko. - К.: Урожай, 2010. - 470 с.

7. Kondrakhin IP Alimentary and endocrine diseases of animals. M .: Agropromizdat, 2009. - 256 p.

8. Sudakov MO, Bereza VI, Pogursky IG etc.; for order. MO Sudakova Microelementosis of farm animals. M .: Agropromizdat, 2001. - 144 p.

9. Urzaev NA, Nikitin V.Ya. Endemic diseases of farm animals. M .: Agropromizdat, 2000. - 272 p.

10. Kondrakhin IP, Kurilova NV Clinical laboratory diagnosis in veterinary medicine. M .: Agropromizdat, 2005 - 346 p.

1. Methodical support

5. Ulko LG Course of lectures on the subject "Special propaedeutics, therapy and prevention of internal diseases of animals" for graduate students majoring in "Veterinary Medicine. 105 s. (Minutes № 2 of November 26, 2014).

6. Ulko LG Methodical recommendations on educational practice in the discipline "Special propaedeutics, therapy and prevention of internal diseases of animals" for master students in the specialty "Veterinary Medicine". 25 s. (Minutes № 2 of November 26, 2014).

7. Ulko LG, Musienko VM, Sklyar OI [etc ..] Safe methods of fixation and methods of handling animals. Methods of clinical research of animals. Methodical instructions for laboratory-practical classes in the discipline "Special propaedeutics, therapy and prevention of internal diseases of animals". 30 s. (Minutes N_{2} 3 dated March 28, 2015).

8. Ulko LG, Sklyar OI, Musienko VM [etc ..] Research of the cardiovascular system Guidelines for the discipline "Special propaedeutics, therapy and prevention of internal diseases of animals." 26 s. (Minutes № 3 dated March 28, 2015).

9. Ulko LG Propaedeutics of internal medicine as an introduction to the clinic of internal animal diseases. Methodical recommendations for conducting laboratory-practical classes in the discipline "Special propaedeutics, therapy and prevention of internal diseases of animals" for students - master's degree EQL "Master". 83 s. (Minutes № 3 dated March 28, 2015).

10. Ulko LG Diagnosis of diseases of the cardiovascular system. Methodical recommendations for laboratory-practical classes for students - masters (EQL "Master") of the Faculty of Veterinary Medicine in the discipline "Special propaedeutics, treatment and prevention of internal diseases of animals." 38 s. (Minutes № 3 dated March 28, 2015).

1. Additional sources and Internet resources:

11. Litvin VP, Bereza VI, Skibitsky VG, etc. Diseases of young farm animals: Handbook. K .: Urozhay, 2002. 168 s.

12. Levenko VI, Sudakov NA. Haruta GG etc. Veterinary medical examination of farm animals: Handbook; Ed. VI Levchenko K .: Harvest. 2001.304 s.

13. Levchenko VI, Kondrakhin IP, Vlyzlo VV etc. Internal diseases of animals; For order. VI Levchenko. Bila Tserkva, 2001. Part 2. 544 s.

14. Shcherbakov GG, Korobov AV, Anokhin BM etc. Internal diseases of animals .; Under. common ed. GG Shcherbakova, AV Korobova. SPb .: Lan, 2002. 736 s.

15. Sudakov MO, Tsvilikhovsky MI, Birch VI etc. Internal diseases of animals; For order. M.O.Судакова. K .: Meta, 2002. 352 s.

16. Tsvilikhovsky MI, Birch VI, Sichkar VS etc. Internal diseases of animals: Workshop; Aristei, 2004. 140 p.

17. Sharabrin IG, Alikaev VA, Zamarin LG etc. Internal non-communicable diseases of farm animals; Ed. IG Sharabrina. M .: Agropromizdat, 2005. 527 s.

18. Anokhin BM, Danilevsky VM, Zamarin LG, etc. Internal non-communicable diseases of farm animals; Ed. VM Danilevsky. M .: Agropromizdat, 2001. 575 s.

19. Levchenko VI, Kondrakhin IP, Bogatko LM etc. General therapy and prevention of internal diseases of animals: Workshop; For order. VI Levchenko. Bila Tserkva, 2000. 224 p.

20. Levchenko VI, Vlizlo VV, Kondrakhin IP etc. Clinical diagnosis of internal diseases of animals; For the order of VI Levchenko. Bila Tserkva, 2004. 608 p.

21. Kuzovkin EM, Kanyuka OI, Vasiliev SI Handbook of modern drugs in veterinary medicine. Kharkiv: Espada, 2002. 448 p.

6.3. Software

1. MOODL platforms; "ZOOM"; "Viber"; Facebook.

Рецензія на Робочу програму (силабус)

Параметр, за яким оцінюється робоча програма (силабус) освітнього компонента гарантом або членом проєктної групи		Hi	Коментар
Результати навчання за освітнім компонентом (ДРН) відповідають НРК	+		
Результати навчання за освітнім компонентом (ДРН) відповідають передбаченим ПРН (для обов'язкових ОК)	+		
Результати навчання за освітнім компонентом дають можливість виміряти та оцінити рівень їх досягнення	+		

Член проектної групи ОП _____

Параметр, за яким оцінюється робоча програма		Hi	Коментар
(силаоус) освітнього компонента викладачем відповідної кафедри			
Загальна інформація про освітній компонент є	+		
достатньою			
Результати навчання за освітнім компонентом (ДРН) відповідають НРК	+		
Результати навчання за освітнім компонентом (ДРН)	+		
дають можливість виміряти та оцінити рівень їх досягнення			
Результати навчання (ДРН) стосуються	+		
компетентностей студентів, а не змісту дисципліни			
(містять знання, уміння, навички, а не теми			
навчальної програми дисципліни)			
Зміст ОК сформовано відповідно до структурно-	+		
логічної схеми			
Навчальна активність (методи викладання та	+		
навчання) дає змогу студентам досягти очікуваних			
результатів навчання (ДРН)			
Освітній компонент передбачає навчання через	+		
дослідження, що є доцільним та достатнім для			
відповідного рівня вищої освіти			
Стратегія оцінювання в межах освітнього компонента	+		
відповідає політиці Університету/факультету			
Передбачені методи оцінювання дозволяють оцінити	+		
ступінь досягнення результатів навчання за освітнім			
компонентом			
Навантаження студентів є адекватним обсягу			
освітнього компонента			
Рекомендовані навчальні ресурси є достатніми для	+		
досягнення результатів навчання (ДРН)			
Література є актуальною	+		

Рецензент (викладач кафедри) ______(назва)