

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SUMY NATIONAL AGRARIAN UNIVERSITY**

**Faculty of Economics and Management
Department of Management named after Professor L.I. Mykhailova**

MODULE SYLLABUS

**Strategic innovation
(compulsory/optional)**

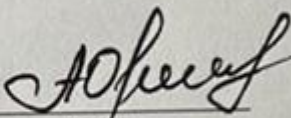
Specialty	073 Management
Educational program	Management
Level of higher education	doctor of philosophy the third (educational and scientific) level of higher education

Sumy-2024

Author: _____  _____ Oleksiy KRASNORUTSKYY, Doctor of Economics, Professor

Considered, reviewed and approved on the meeting
of the Management Department named after professor L. Mykhailova

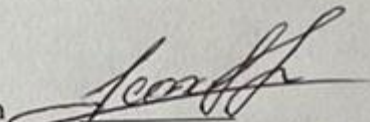
The head
of the department


(sign)

Alvina ORIEKHOVA
(name)

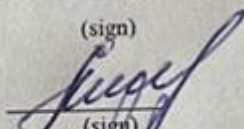
Approved:

Guarantor of the educational program


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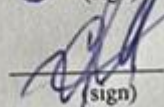
Inna SOKHAN,
(name)

Dean of the Faculty


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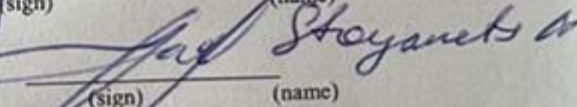
Marharyta LYSHENKO
(name)

Head of PhD Department

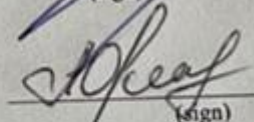

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Svitlana Yeroshokina
(name)

A review of the work program has been provide

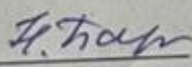

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Oriekhova A.
(name)

Methodist of the Department of Education Quality,
licensing and accreditation


(sign)

(Baranik N.)
(name)

Registered in the electronic database: date: 06.07. 2024

Syllabus review data:

The academic year in which changes are made	The Academic program attachment number with changes description	Changes revised and approved		
		Minutes No and date of the department meeting	Head of Department	Guarantor of the Academic program

1. MODULE OVERVIEW

1	Title	Strategic innovation			
2	Faculty/Department	Faculty of Economics and Management/ Department of Management named after Professor L.I. Mykhailova			
3	Type (compulsory or optional)	Compulsory			
4	Program(s) to which module is attached (to be filled in for compulsory types)	Educational and scientific program "Management". Third educational and scientific level of higher education. Degree of higher education: Doctor of Philosophy. Specialty: 073 "Management".			
5	Module can be suggested for (to be filled in for optional types)				
6	Level of the National Qualifications Framework	NQF of Ukraine – level 8, FQ-EHEA – third cycle, EQF-LLL – level 8.			
7	Semester and duration of module	Semester 2, weeks 1-18			
8	ECTS credits number	3			
9	Total workload and time allotment	Directed study			Self-directed study
		Lectures	Practicals	Labs	
		10	20		60
10	Language of instruction	English			
11	Module leader	Krasnorutsky O.O. - Doctor of Economic Sciences, Professor, Professor at the Department of Management named after Professor L.I. Mykhailova Consultation hours – every Tuesday at 12:15, room 303e			
11.1	Module leader contact information	oleksiy.krasnorutsky@gmail.com			
12	Module description	The educational component "Strategic Innovation" is designed to form theoretical knowledge and practical skills in the field of strategic management of innovation activities, decision-making regarding the implementation of innovations, and planning of innovation activities among higher education students. Studying the discipline ensures the formation of the following competencies in higher education applicants: - the ability to justify management decisions regarding innovative development, to select innovations in the context of the strategic goals of the organization's development, to plan innovative activities in a socio-economic system of any level; - the ability to generate and apply strategies for innovative development of organizations, select strategic alternatives, test hypotheses and verify decisions regarding the creation and implementation of innovations; - the ability to determine and choose forms of innovative activity of the organization, perform a critical assessment of innovative development projects, develop plans for implementing innovations into the practice of the organization's functioning; - understanding the theoretical and methodological essence of			

		innovative development, the content of the conceptual and categorical apparatus; - the ability to apply methodological techniques and approaches to evaluating innovative solutions and innovative development projects of organizations, as well as to use the results of their application in research and practical activities.
13	Module aim	formation of general competencies in higher education students regarding strategic management of innovative development of socio-economic systems at various levels.
14	Module Dependencies (prerequisites, co-requisites, incompatible modules)	The educational component is based on the study of the disciplines "Modern and Classical Management Theories", "Methodology of Scientific Research".
15	The policy of academic integrity	The policy on academic integrity at Sumy National Agrarian University is determined documents presented on the page: https://snau.edu.ua/viddil-zabezpechennya-yakosti-osviti/zabezpechennya-yakosti-osviti/akademichna-dobrochesnist/ Academic integrity of higher education students is an important condition for mastering the results of learning in the discipline and receiving an appropriate grade in current and final examinations. In the event that a higher education applicant violates academic integrity (cheating, plagiarism, fabrication), the work is assessed as unsatisfactory and must be re-done. The teacher reserves the right to change the topic of the assignment. For violation of academic integrity, students may be held accountable for the following academic responsibilities: – re-taking the assessment (test, exam, test, etc.); – retaking the relevant educational component of the educational program. Retaking the test is done with permission. Vice-Rector for Scientific, Pedagogical and Educational Work if there are valid reasons (for example, sick leave). For full-time higher education students, attending classes is mandatory. Good reasons for absence from classes are illness or academic mobility, confirmed by relevant documents. The absence of a student from classes involves independent study of the material and does not exempt the student from completing the task of current and final control. For objective reasons, training may take place in an online format in agreement with Vice-Rector for Scientific, Pedagogical and Educational Work.
16	Link in Moodle	https://cdn.snau.edu.ua/moodle/course/view.php?id=5226

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

MLOs: On successful completion of the module the learner will be able to:	PLOs			How assessed
	PLO ₅	PLO ₆	PLO ₇	
MLOs 1 Learn to justify management decisions regarding innovative development, make a choice of innovations in the context of the strategic goals of the organization's development, plan innovative activities in a socio-economic system of any level.	x	x		Express polls, discussions, task completion
MLOs 2 Acquire knowledge and skills in generating and implementing strategies for innovative development of organizations, choosing strategic alternatives, testing hypotheses, and verifying decisions regarding the creation and implementation of innovations.	x	x		Express survey, discussions, completing tasks
MLOs 3 Identify and select forms of innovative activity of the organization, perform a critical assessment of innovative development projects, and develop plans for implementing innovations into the practice of the organization's functioning.		x	x	Express survey, discussions, completing tasks
MLOs 4 Deeply understand the theoretical and methodological essence of innovative development, possess and apply the appropriate conceptual and categorical apparatus in research, develop structured critical thinking in the field of innovation and strategic development management	x	x		Express polls, discussions, solving situational problems
MLOs 5 Develop knowledge and skills in the application of methodological techniques and approaches to the evaluation of innovative solutions and projects for the innovative development of organizations, as well as the generalization and formalization of the results of their application		x	x	Express polls, discussions, solving situational problems

PLO 05. To deeply understand the general principles and methods of management sciences, as well as the methodology of scientific research, to apply them in one's own research in the field of management and in teaching practice.

PLO 06. Plan and carry out scientific and applied research in management and related interdisciplinary areas using modern tools, critically analyze the results of one's own research and the results of other researchers in the context of the entire complex of modern knowledge on the problem under study; make proposals for funding research and/or projects.

PLO 07. To test and implement the results of our own research in the field of management.

3. MODULE INDICATIVE CONTENT

Spring semester

Topics	Distribution of hours				Learning resources
	Directed study			Self-directed study	
	Lectures	Practicals	Labs		
Topic 1. Theoretical foundations of strategic management of innovative development Ways of development of economic entities. Principles and methods of innovative development. Functions of innovative development.	2	4		6	Main sources: 1-3. Methodological support: 1.
Topic 2. Innovation process in socio-economic systems Innovation process and innovative product. Innovation orientation of investment activity. Organizational and economic mechanism for managing innovative development.	2	4		6	Main sources: 1-3. Methodological support: 1.
Topic 3. Innovation infrastructure and state regulation of innovation activities Components of innovation infrastructure. State innovation policy. Toolkit for state regulation of innovation activity.	2	4		6	Main sources: 1-3. Methodological support: 1.
Topic 4. Implementation of an innovation and investment model of socio-economic development Conceptual and categorical apparatus and typology of the innovation and investment model of development. Factors of innovation development. Concepts of innovation and investment development.	2	4		6	Main sources: 1-3. Methodological support: 1.
Topic 5. Strategies for innovative development of organizations Features of strategic planning of innovative development of an enterprise. Classification of innovative strategies.	2	4		6	Main sources: 1-3. Methodological support: 1.
Topic 6. Stimulation and motivation in innovative development management Incentives for generating innovative ideas. Innovation management technologies. Motivation system for innovative activity in an organization				6	Main sources: 1-3. Methodological support: 1.
Topic 7. Providing Innovation The essence of providing innovations. Information support for innovation activities. The essence of marketing innovations				6	Main sources: 1-3 Methodological support: 1.
Topic 8. Risks of innovative development of organizations				6	Main sources: 1-3

Classification of risks of innovation activities. Principles of risk management in innovation activities. Methods and tools for managing innovation risks					Methodological support: 1.
Topic 9. Expertise of innovative projects Tasks and main methods of expertise. Methods of selecting the optimal variant of an innovative project. Indicators of profitability of an innovative project. Ways to reduce the risk of an innovative project.				6	Main sources: 1-3 Methodological support: 1.
Topic 10. Economic evaluation of innovative development strategies Methodology for assessing the economic efficiency of innovation strategies. Investment analysis of innovative projects. Efficiency forecasting tools innovative development strategies.				6	Main sources: 1-3 Methodological support: 1.
Total	10	20		60	

4. TEACHING AND LEARNING METHODS

MLOs	Teaching methods (directed study)	Learning methods (self-directed study)
MLOs 1 Learn to justify management decisions regarding innovative development, make a choice of innovations in the context of the strategic goals of the organization's development, plan innovative activities in a socio-economic system of any level.	Verbal: - monologue (explanation, lecture); - dialogic (conversation, discussion). Visual: - demonstration (multimedia file) Interactive learning technologies	Research method (studying literary sources recommended by the teacher on the topic; completing an individual task for independent work)
MLOs 2 Acquire knowledge and skills in generating and implementing strategies for innovative development of organizations, choosing strategic alternatives, testing hypotheses, and verifying decisions regarding the creation and implementation of innovations.	Verbal: - monologue (explanation, lecture); - dialogic (conversation, discussion). Visual: - demonstration (multimedia file) Interactive learning technologies	Research method (studying literary sources recommended by the teacher on the topic; completing an individual task for independent work)
MLOs 3 Identify and select forms of innovative activity of the organization, perform a critical assessment of innovative development projects, and develop plans for implementing innovations into the practice of the organization's functioning.	Verbal: - monologue (explanation, lecture); - dialogic (conversation, discussion). Visual: - demonstration (multimedia file) Interactive learning technologies	Research method (studying literary sources recommended by the teacher on the topic; completing an individual task for independent work)

MLOs 4 Deeply understand the theoretical and methodological essence of innovative development, possess and apply the appropriate conceptual and categorical apparatus in research, develop structured critical thinking in the field of innovation and strategic development management	Verbal: - monologue (explanation, lecture); - dialogic (conversation, discussion). Visual: - demonstration (multimedia file) Interactive learning technologies	Research method (studying literary sources recommended by the teacher on the topic; completing an individual task for independent work)
MLOs 5 Develop knowledge and skills in the application of methodological techniques and approaches to the evaluation of innovative solutions and projects for the innovative development of organizations, as well as the generalization and formalization of the results of their application	Verbal: - monologue (explanation, lecture); - dialogic (conversation, discussion). Visual: - demonstration (multimedia file) Interactive learning technologies	Research method (studying literary sources recommended by the teacher on the topic; completing an individual task for independent work)

5. ASSESSMENT

5.1. Diagnostic assessment

5.2. Summative assessment

5.2.1. Intended learning outcomes methods:

No	Summative assessment methods	Grades	Deadline
1	Discussions	10 / 10%	each practical lesson
2	Express survey	20 / 20%	each practical lesson
3	Task completion	55 / 55%	each practical lesson
4	Testing	15 points / 15%	Week 6
5	Total	100 points / 100%	

5.2.2. Grading criteria

Component	Unsatisfactorily	Satisfactorily	Good	Perfectly
Discussions	0 points	1-4 points	5-8 points	9-10 points
	Passive participation in the discussion.	Participation in the discussion, answers are not substantiated.	Active participation in the discussion, demonstrated critical thinking skills.	Initiator and active participant in the discussion, demonstrated critical thinking skills, systematic knowledge, and creativity.
Express survey	≤ 10 points	11-14 points	15-18 points	19-20 points
	Lack of knowledge on theoretical issues.	Low level of knowledge of theoretical issues.	Possession of conceptual and categorical apparatus, professional terminology, theoretical knowledge, minor inaccuracies in answers to questions.	Excellent command of the conceptual and categorical apparatus, professional terminology, and an appropriate level of theoretical knowledge.
Task completion	< 30 points	30-39 points	40-49 points	50-55 points
	The task was not completed.	The task has been completed, but some issues remain unresolved and there are inaccuracies.	The task is completed, but there are minor inaccuracies.	The task is fully completed, all questions are answered.
Testing	0 points	7-9 points	10-12 points	13-15 points
	Less than 60% of the tests were solved correctly.	60-75% of the tests were solved correctly.	76-90% of tests were solved correctly.	More than 90% of the tests were solved correctly.

5.3. Formative assessment

Formative exercises are designed to enable students to develop particular aspects of their learning, prior to summative assessments. Formative exercises are designed to help students use feedback and self-reflection to manage and develop their learning so that they can see how to improve their work.

No	Formative Assessment elements	Date
1	Teacher's instructions during practical classes	at every lesson
2	Oral survey	at every lesson
3	Observation of the progress of solving tasks, discussion and oral comments from the teacher	at every lesson
4	Solving problems	at every lesson
5	Monitoring task performance	at every lesson

6. LEARNING RESOURCES

6.1. Key resources

1 Hans Balmaekers. The Innovator's Handbook 2024. The Best & Latest in Corporate Innovation. URL: <https://innov8rs.co/wp-content/uploads/2023/12/The-Innovators-Handbook-2024-Ebook.pdf>.

2 Paul Trott. Innovation Management and New Product Development Seventh Edition. Portsmouth Business School. Pearson Education Limited. 2021. URL: https://renessans-edu.uz/files/books/2024-01-05-05-19-38_85408beec8e1ceb35044d8ab3745eecc.pdf.

3 Steve Brown. The Innovation Ultimatum: How six strategic technologies will reshape every business in the 2020s. Publisher: Wiley. 2020. 320 p. URL: <https://content.e-bookshelf.de/media/reading/L-13657858-7bdd788fbe.pdf>.

6.2. Methodological support

1 E-course (teaching materials) based on the Moodle platform. URL: <https://cdn.snau.edu.ua/moodle/course/view.php?id=5226>

6.3. Additional resources

1. Cabinet of Ministers of Ukraine. URL: <https://www.kmu.gov.ua/>.

2. Committee on Education and Science. URL: <http://kno.rada.gov.ua/komosviti/control/uk/publish/article>.

3. Jean Storlie, Mimi Sherlock. Once Upon an Innovation: Business Storytelling Techniques for Creative Problem Solving. Publisher: Beaver's Pond Press, 2020. 152 p.

4. Lawton Robert Burn. The Business of Healthcare Innovation. Publisher: Cambridge University Press, 2020. 516 p.

5. Matt Ridley. How Innovation Works: And Why It Flourishes in Freedom. Publisher: Harper, 2020. 416 p.

6. Matt Ridley. How Innovation Works: And Why It Flourishes in Freedom. Publisher: Harper, 2020. 416 p.

7. Ministry of Economy of Ukraine. URL: <http://www.me.gov.ua>.

8. Ministry of Finance of Ukraine. URL: <http://www.minfin.gov.ua>.

9. National Bank of Ukraine. URL: <http://www.bank.gov.ua>.

6.4 Software

1. Use of standard Microsoft packages: Word, Excel, PowerPoint.

2. Software (for distance learning, Zoom, Moodle).