

HIGHER EDUCATIONAL INSTITUTION OF UKOOSPILKA  
"POLTAV UNIVERSITY OF ECONOMICS AND TRADE"

Educational and Scientific Institute of International Education  
Department of commodity science, biotechnology, expertise and customs affairs

## SYLLABUS

academic discipline

### "Sanitary and epidemiological examination of goods"

for the 2022-2023 academic year

Course and semester of study	4th year, 8th semester
Educational program/specialization	"Biotechnology"
Specialty	162 "Biotechnology and bioengineering"
Branch of knowledge	16 Chemical and bioengineering
Degree of higher education	bachelor

Name of the NPP that leads this discipline, scientific degree and academic title, position **Rachynska Zoya Pavlovna**  
senior lecturer of the Department of Commodity Science, Biotechnology, Expertise and Customs Affairs

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E-mail address	Zojar87@gmail.com
Schedule of educational classes	<a href="http://schedule.puet.edu.ua/">http://schedule.puet.edu.ua/</a>
Consultations	ocular <a href="http://www.tpt.puet.edu.ua/">http://www.tpt.puet.edu.ua/</a> online: by e-mail, Mon-Fri from 10:00 a.m. to 5:00 p.m
Distance course page	<a href="https://el.puet.edu.ua/">https://el.puet.edu.ua/</a>

#### Description of the academic discipline

<b>Goal study of an academic discipline</b>	Acquisition by future specialists of theoretical knowledge and practical skills, the necessary knowledge of studying the rules and features of conducting sanitary-epidemiological examination of domestic and foreign products, they must be able to navigate the procedure for conducting sanitary-epidemiological examination of food products and non-food products on the basis of relevant legal acts, to distinguish the peculiarities of the documentation of the sanitary-epidemiological examination.
<b>Duration</b>	5 ECTS credits/150 hours (lectures 20 hours, practical classes 40 hours, independent work 90 hours)
<b>Forms and methods of education</b>	Lectures and practical classes in the classroom and field trips, independent work outside the schedule, discussions, debates, educational games, work in groups
<b>System of current and final control</b>	Current control: attending classes; protection of homework; discussion of lesson material; performance of educational tasks; reports with abstracts and their discussion; testing; current modular work Final control: test (PMK)
<b>Basic knowledge</b>	The presence of extensive knowledge of commodity science, chemistry and methods of research of raw materials and materials, the basics of ecology and safety of fuel oil,
<b>Language of teaching</b>	Ukrainian, English

#### List of competencies provided by this educational discipline, program learning outcomes

Software the results teaching	Competencies, which ones must master getter
<ul style="list-style-type: none"> <li>Apply acquired knowledge to identify, pose and solve tasks for different practical situations in business, trade and exchange activities (PR02);</li> </ul>	<ul style="list-style-type: none"> <li>Ability determine and evaluate the characteristics of goods and services in the business, trade, stock market activities (SK05);</li> <li>Ability carry out compliance activity requirements</li> </ul>

<ul style="list-style-type: none"> <li>• Evaluate the characteristics of goods and services in business , trade and exchange activities with the help of modern methods (PR15);</li> <li>• Know the regulatory and legal software activity business , trade and exchange structures and apply it in practice (PR16);</li> <li>• Be able solve professional organization tasks _ activity business , trade and stock exchange structures and resolve problems in crisis situations with consideration external and internal influences (PR17);</li> <li>• Know modern technical means of information and communication technologies , applied software software industries customs cases (PR22).</li> </ul>	<ul style="list-style-type: none"> <li>• normative and legal documents in the field business , trade and exchange _ activities (SK06);</li> <li>• Ability determine consumables properties , quantitative and qualitative composition, technical characteristics of products , which allow unambiguous identification classification affiliation products ( SK 11);</li> <li>• Ability participate in development projects standards , methodical and normative materials , technical documentation and in practice implementation developed projects and programs ; monitor compliance _ installed requirements , current norms, rules and standards in ( SK 12);</li> <li>• With date conduct examination of the definition qualitative , quantitative and cost characteristics of products domestic and foreign production and issue her results ( SK 13).</li> </ul>
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### **Thematic plan of the educational discipline**

<b>Topic name</b>	<b>Types of work</b>	<b>Tasks of independent work in terms of topics</b>
<b>Module 1. Sanitary and epidemiological examination of food products</b>		
Topic 1. Basic principles of sanitary-epidemiological examination of food products and non-food products.	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare a report on the topic "Grounds for carrying out sanitary and epidemiological examinations, surveys." Prepare an essay on the topic "Financial sanctions for violations of sanitary legislation."
Topic 2. Danger pollution chemical and biological nature , principles their normalization in goods .	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare an essay on the topic "Peculiarities of contamination of food products with pesticides."
Topic 3. Sanitary and epidemiological examination of meat and fish products.	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. To prepare reports on the topics: "Features of the properties of meat according to the degree of freshness", "Fish Parasites".
Topic 4. Sanitary and epidemiological examination of milk, dairy products, and eggs.	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. To prepare reports on the topics: "Main sources, causes and ways of contamination of milk and dairy products", "Contamination of eggs and their processing products"
Topic 5. Sanitary and epidemiological examination of flavor products	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing; current modular work	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare an essay on the topic "Microbiological indicators of tea quality".
<b>Module 2. Sanitary and epidemiological examination of non-food products</b>		

<b>Topic name</b>	<b>Types of work</b>	<b>Tasks of independent work in terms of topics</b>
Module 1. Sanitary and epidemiological examination of food products		
Topic 6. Sanitary and epidemiological examination of textile, leather and fur materials and products.	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare reports on the topics: "Advantages and disadvantages of shoe materials"; " Features of hygienic requirements for footwear ".
Topic 7. Sanitary and epidemiological examination of polymer and polymer-containing materials, products and structures used in construction and furniture production.	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare reports on the topics: "Fungal resistance of polymer materials "; " Types of _ polymeric construction materials ".
Topic 8. Sanitary and epidemiological examination of perfumery and cosmetic products.	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare a report on the topic "In flow components perfumery and cosmetics means for the body ". Prepare an essay on the topic "Index of negative effect on the condition of human skin".
Topic 9. Sanitary and epidemiological expertise toys and games for children and teenagers . _	Attending classes; protection of homework; discussion of lesson material; performance of educational tasks; tasks of independent work; testing; current modular work	Independent study of individual issues of the topic, implementation of independent educational tasks for NMP and tasks from DC; thematic testing. Prepare a report on the topic " Requirements for form and design toys ". Prepare an essay on the topic "Basic materials for making toys."

#### **Information sources**

1. On ensuring the sanitary and epidemic well-being of the population: Law of Ukraine No. 4004-12 edition of 01.14.2021 [Electronic resource]: official web portal of the Verkhovna Rada of Ukraine. Regulatory and legal framework of Ukraine. – Access mode: <http://zakon3.rada.gov.ua/laws/show/4004-12>. – Title from the screen. – Application date: 07/09/2022.
2. Sanitary and epidemiological safety [Text]: teaching . guide / for general ed. S. V. Petkov . - Kyiv: Skif, 2017. - 128 p. + Electron. content – Access mode: PUET local network.
3. Physiological and hygienic aspects of product quality assessment [Text]: textbook / L. F. Pavlotska , N. V. Dudenko , V. V. Yevlash , [etc.]. - Kharkiv: World of Books, 2016. - 532 p.
4. Examination of goods [Text]: workshop: teaching . manual / A. P. Batutina , I. V. Yemchenko, A. O. Troyakova . - 2nd ed., pp. – Lviv: Magnolia-2006, 2017. – 396 p. + Electron. content – Access mode: PUET local network
5. On Sanitary and Epidemiological Well-Being of the Population Law of the Republic of Kazakhstan No. 361 of 4 December 2002 "Kazakhstanskaya pravda" Newspaper, Issue No. 263-264 dated 6 December 2002 (as amended through RK Laws N 13-III dated December 20, 2004 (effective since 01.01.05), N 45-III dated April 15, 2004)
6. ON SANITARY-EPIDEMIOLOGICAL WELFARE OF POPULATION Law of the Republic of Kazakhstan No 361 of 4 December 2002
7. site access mode: <https://ucps.com.ua/en/services/sanitary-epidemiological-conclusion>
8. site access mode: <https://www.coe.int/t/dg4/majorhazards/ressources/pub/handbookfiles/3b.pdf>

#### **Educational discipline software**

- Microsoft Office suite of software products.

#### **Policy of study of academic discipline and assessment**

- Deadline and rescheduling policy: Assignments that are submitted late without good reason will be graded at a lower grade

(75% of the maximum possible points for the activity). Modules can be rearranged with the permission of the leading teacher if there are good reasons (for example, sick leave).

- **Academic Integrity Policy:** Crediting during ongoing module work and testing is prohibited (including using mobile devices). Mobile devices are allowed to be used only during online testing and preparation of practical tasks during class.
- **Attendance Policy:** attending classes is a mandatory component. For objective reasons (for example, illness, employment, internship), training can take place online ( Moodle ) upon agreement with the leading teacher.
- **Policy of enrollment of results of non-formal education:** <http://puet.edu.ua/uk/publiczna-informaciya>

### Assessment

The final grade for the study of the academic discipline is calculated through the current assessment

Types of work	Maximum number of points
Module 1 (topics 1-5): attending classes (8 points); defense of homework (8 points); discussion of lesson material (4 points); performance of educational tasks (8 points); tasks of independent work (8 points); testing (4 points); current module work (10 points)	50
Module 2 (topics 6-9): attending classes (8 points); defense of homework (8 points); discussion of lesson material (4 points); performance of educational tasks (8 points); tasks of independent work (8 points); testing (4 points); current module work (10 points)	50
Final control : PMK test	
Together	100

### The scale of evaluation of students of higher education according to the results of the study of the academic discipline

The sum of points for all types of educational activities	Evaluation according to the ECTS scale	Evaluation on a national scale
90-100	AND	Perfectly
82-89	IN	Very good
74-81	WITH	Fine
64-73	D	Satisfactorily
60-63	IS	Satisfy enough
35-59	FX	Unsatisfactory with the possibility of reassembly
0-34	F	Unsatisfactory with mandatory repeated study of the academic discipline