

Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Ястребов Олег Александрович
Должность: Ректор
Дата подписания: 19.05.2023 15:06:37
Уникальный программный ключ:
ca953a0120d891083f939673078ef1a989dae18a

**Federal State Autonomous Educational Institution of Higher
Education**

**PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA**

Agrarian Technological Institute

(name of the main educational unit (OUP) - developer of the EP VO)

COURSE SYLLABUS

Quality management, standardization and certification

(name of discipline/module)

Recommended by the Didactic Council for the Education Field of:

36.04.01 Veterinary and sanitary examination

(code and name of the direction of training / specialty)

**The course instruction is implemented within the professional education
programme of higher education:**

Veterinary and sanitary examination, safety and quality of raw materials and products of biological origin

(name (focus) OP VO)

1. THE PURPOSE OF MASTERING THE DISCIPLINE

The purpose of mastering the discipline "Quality Management, Standardization and Certification" is to develop the skill of applying practical knowledge on the organization of quality management in enterprises as a unified quality system that meets the recommendations of international and national standards.

2. REQUIREMENTS FOR THE RESULTS OF MASTERING THE DISCIPLINE

Mastering the discipline "Quality Management, Standardization and Certification" is aimed at developing the following competencies (parts of competencies):

Table 2.1. The list of competencies formed by students in the course of mastering the discipline (the results of mastering the discipline)

Cipher	Competence	Competence achievement indicators (within this discipline)
PC-5	Ability to use legal documentation and information technologies in the field of improving the safety of raw materials and products of animal and vegetable origin	PC-5.1 Knows the main international organizations in the field of quality and safety of food raw materials and products of animal and vegetable origin, animal feed, medicines for veterinary use, their standards and requirements.
		PC-5.2 Able to organize work with software used to organize systems of veterinary and sanitary document management, accounting and reporting
		PC-5.3 Owns general and special information technologies at a level that allows them to be actively used in activities to control the quality of raw materials and products of animal and vegetable origin
		PC-5.4 Able to work independently with the components of the Federal State Information System in the field of veterinary medicine (FSISVetIS)

3. THE PLACE OF DISCIPLINE IN THE STRUCTURE OF OP VO

The discipline "Quality Management, Standardization and Certification" refers to the mandatory part of block B1 of the EP VO.

As part of the EP VO, students also master other disciplines and / or practices that contribute to the achievement of the planned results of mastering the discipline "Quality Management, Standardization and Certification".

Table 3.1. The list of components of the EP VO, contributing to the achievement of the planned results of the development of the discipline.

Cipher	Name competencies	Previous disciplines/modules, practices	Subsequent disciplines/modules, practices
PC-5	Ability to use legal documentation and information technologies in the field of improving the safety of raw materials and products of animal and vegetable origin	-	Information technology in the food industry Software statistical complexes

4. VOLUME OF DISCIPLINE AND TYPES OF EDUCATIONAL WORK

The total labor intensity of the discipline "Quality Management, Standardization and Certification" is 3 credits.

Table 4.1. Types of educational work by periods of mastering EP VO for full-time education

Type of study work	TOTAL, ac.h.	Semester(s)			
		2	-	-	-
Contract work, acc.	18	18	-	-	-
including:					
Lectures (LC)	-	-	-	-	-
Laboratory work (LR)	18	18	-	-	-
Practical/seminar sessions (SZ)	-	-	-	-	-
Independent work of students, acc.	80	80	-	-	-
Control (exam/test with assessment), acc.	10	10	-	-	-
The total complexity of the discipline	ac.h.	108	108	-	-
	credit units	3	3	-	-

Table 4.2. Types of educational work by periods of mastering OP HE for part-time and part-time forms of education

Type of study work	TOTAL, ac.h.	Semester(s)			
		2	-	-	-
Contract work, acc.	36	36	-	-	-
including:					
Lectures (LC)	18	18	-	-	-
Laboratory work (LR)	18	18	-	-	-
Practical/seminar sessions (SZ)	-	-	-	-	-
Independent work of students, acc.	62	62	-	-	-
Control (exam/test with assessment), acc.	10	10	-	-	-
The total complexity of the discipline	ac.h.	108	108	-	-

	credit units	3	3	-	-	-
--	--------------	---	---	---	---	---

5. CONTENT OF THE DISCIPLINE

Table 5.1 The content of the discipline (module) by type of educational work

Name of the discipline section	Contents of the section (topic)	Type of study work
Section 1. Quality as an object of management	Topic 1.1. Introduction. Basic concepts and definitions in the field of quality	LC, LR
	Topic 1.2. Quality management as a competitive success factor	LC, LR
	Topic 1.3. Modern models of quality management	LC, LR
	Topic 1.4. ISO International Standards for Quality Management and Quality Assurance	LC, LR
Section 2. Functions of product quality management	Topic 2.1. Quality Process Management Planning	LC, LR
	Topic 2.2. Organization, coordination and regulation of the quality management process	LC, LR
	Topic 2.3. Quality control methods	LC, LR
Section 3. Quality management in enterprises	Topic 3.1. Company policy in the field of quality	LC, LR
	Topic 3.2. Quality planning and organization of quality work	LC, LR
	Topic 3.3. The composition of the normative documentation of quality systems	LC, LR
Section 4. Standardization in the quality management system	Topic 4.1. State standardization system of Russia	LC, LR
	Topic 4.2. Russian standards development procedure	LC, LR
	Topic 4.3. State control over standards	LC, LR
	Topic 4.4. International Standards System	LC, LR
Section 5. Product Certification	Topic 5.1. Regulatory sphere of certification activities of the state	LC, LR
	Topic 5.2. Organization and procedure for certification in Russia	LC, LR
	Topic 5.3. Declaration of Conformity for Products of Animal Origin	LC, LR
	Topic 5.4. State control in the field of certification	LC, LR

6. LOGISTICS AND TECHNICAL SUPPORT OF THE DISCIPLINE

Table 6.1. Logistics of discipline

Audience type	<i>Audience equipment</i>	Specialized educational / laboratory equipment, software and material for mastering the discipline (if necessary)
Lecture	An auditorium for lecture-type classes, equipped with a set of specialized furniture; board (screen) and technical means of multimedia presentations.	-
Laboratory	Auditorium for laboratory work, individual consultations, current control and intermediate certification, equipped with kit specialized furniture and equipment.	-
For independent work students	Audience for independent work of students (can be used for conducting seminars and consultations), equipped with a set of specialized furniture and computers with access to EIOS.	-

7. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT OF THE DISCIPLINE

Main literature:

1. Ivanova, E.P. Quality management of agricultural products. Workshop: textbook / E. P. Ivanova. - St. Petersburg: Lan, 2022. - 148 p. - ISBN 978-5-8114-3555-5. — Text: electronic // Doe: electronic library system. - URL: <https://e.lanbook.com/book/206468>
2. Sazonova, I. D. Standardization and compliance with the quality of crop production. Practicum: textbook for universities / I. D. Sazonova, T. M. Kundik. - St. Petersburg: Lan, 2022. - 48 p. - ISBN 978-5-8114-8905-3. — Text: electronic // Doe: electronic library system. - URL: <https://e.lanbook.com/book/200330>
3. Osintseva, L. A. Technology, standardization, indicators of quality and safety of beekeeping products: a textbook for universities / L. A. Osintseva. - St. Petersburg: Lan, 2021. - 288 p. - ISBN 978-5-8114-7100-3. — Text: electronic // Doe: electronic library system. - URL: <https://e.lanbook.com/book/169773>

Additional literature:

1. Borovkov, M. F. Veterinary and sanitary expertise with the basics of technology and

standardization of animal products: a textbook for universities / M. F. Borovkov, V. P. Frolov, S. A. Serko. - 5th ed., revised. - St. Petersburg: Lan, 2021. - 476 p. - ISBN 978-5-8114-6848-5. — Text: electronic // Doi: electronic library system. - URL: <https://e.lanbook.com/book/152644>

2. Veterinary and sanitary examination of raw materials and products of animal and vegetable origin. Laboratory workshop: textbook / I. A. Lykasova, V. A. Krygin, I. V. Bezina, I. A. Solyanskaya. - 2nd ed., revised. - St. Petersburg: Lan, 2021. - 304 p. - ISBN 978-5-8114-1812-1. — Text: electronic // Doi: electronic library system. - URL: <https://e.lanbook.com/book/168797>
3. Skryabina, O. V. Product quality management: textbook / O. V. Skryabina, D. S. Ryabkova, E. Yu. Tarasova. - Omsk: Omsk State Agrarian University, 2022. - 82 p. - ISBN 978-5-907507-28-9. — Text: electronic // Doi: electronic library system. - URL: <https://e.lanbook.com/book/202238>

Resources of the information and telecommunications network "Internet":

1. RUDN ELS and third-party ELS, to which university students have access on the basis of concluded agreements:

- RUDN Electronic Library System - RUDN EBS <http://lib.rudn.ru/MegaPro/Web>
- ELS "University Library Online" <http://www.biblioclub.ru>
- EBS Yuray <http://www.biblio-online.ru>
- EBS "Student Advisor" www.studentlibrary.ru
- EBS "Lan" <http://eZlanbook.com/>
- EBS "Trinity Bridge" <http://www.trmost.com/>

2. Databases and search engines:

- electronic fund of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

Educational and methodological materials for independent work of students in the development of the discipline/module*:

1. The course of lectures on the discipline "**Quality management, standardization and certification**".
2. Laboratory workshop on the discipline "**Quality management, standardization and certification**".

* - all educational and methodological materials for independent work of students are placed in accordance with the current procedure on the page of the discipline in TUIS!

8. EVALUATION MATERIALS AND SCORE-RATING SYSTEM FOR ASSESSING THE LEVEL OF FORMATION OF COMPETENCES IN THE DISCIPLINE

Evaluation materials and a point-rating system* for evaluating the level of competencies (parts of competencies) based on the results of mastering the discipline "Quality Management, Standardization and Certification" are presented in the Appendix to this Work Program of the discipline.

* - OM and BRS are formed on the basis of the requirements of the relevant local normative act of the Peoples' Friendship University of Russia.

DEVELOPER:

Associate Professor of the Department of Veterinary
Medicine

Position, BUP

Signature

Drukovsky S.G.

Surname I.O.

HEAD OF BUP:

Department of Veterinary Medicine

Name of BUP

Signature

Vatnikov Yu.A.

Surname I.O.

HEAD OF OP VO:

Associate Professor of the Department of Veterinary
Medicine

Position, BUP

Signature

Drukovsky S.G.

Surname I.O.