

SYLLABUS

INTERNATIONAL EUROPEAN
UNIVERSITY



EUROPEAN SCHOOL
OF BUSINESS



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Course Name			
		Commodity science	
Lecturer (s)			
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Lecturer's profile			
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Discipline page			
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Form of final control	test	def. test	exam
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1 Brief discipline annotation

Commodity science is a compulsory discipline. The relevance of its study is determined by current market conditions of the industry, requiring appropriate knowledge of the basics of commodity science.

2 Background for studying discipline

The **background** for studying the academic discipline: to develop a system of special theoretical knowledge and practical skills to determine and manage the range and quality of food products and material and technical items.

3 Goal and objectives of the discipline

The **goal** of the Commodity science discipline is to provide students with knowledge of theoretical issues and basic practical skills in primary product characteristics when solving crucial objectives of marketing activities.

Key objectives of the Commodity science discipline:

- to provide theoretical knowledge of primary characteristics making up the consumer value of goods;
- to train future specialists in principles and methods of commodity circulation;
- to study the systematization of the number of goods through the rational application of classification and coding methods;
- to study properties and indicators of the range of products in order to analyze and manage the assortment policy of an industrial and trade organization;
- to study the nomenclature of consumer properties of goods indicators;
- to understand the methodology for assessing the level of quality of goods;
- to provide practical skills in assessing the quality of goods, including identifying gradations of quality and defects of goods, the causes of their occurrence and measures to prevent damage to goods, etc.

4 Learning outcomes

PLO 2. To analyze and predict market phenomena and processes based on the application of fundamental principles, theoretical knowledge and applied skills of marketing activities.

PLO 5. To identify and analyze the key characteristics of marketing systems of different levels, as well as the particularities of their entities.

5 ECTS credits

4 ECTS credits / 120 academic hours

Content sections and topics	Amount of hours											
	full-time mode of study						part-time mode of study					
	total	including					total	including				
		1	p	sem.	ind.	i. w.		1	p	cem.	ind.	i. w.
1	2	3	4	5	6	7	8	9	10	11	12	13
Content module 1. Theoretical foundations of commodity science.												
Topic 1. Commodity science - the science of goods	14	2	2	-	-	10	17	2	-	-	-	15
Topic 2. Modern classification of goods and their coding	14	2	2	-	-	10	17	-	2	-	-	15
Topic 3. Formation of the range of goods and assortment policy	18	4	4	-	-	10	15	-	-	-	-	15
Topic 4. Consumer properties and formation of quality indicators of goods	16	4	2	-	-	10	15	-	-	-	-	15
<i>Test work No. 1</i>	2	-	2	-	-	-	-	-	-	-	-	-
Total per content section 1	64	12	12	-	-	40	64	2	2	-	-	60
Content module 2. Main characteristics of products, terms of transportation, delivery and storage.												
Topic 5. Incoming quality control and examination of goods	10	2	2	-	-	6	12	2	-	-	-	10
Topic 6. Improvement of storage technology and reduction of goods losses	14	4	4	-	-	6	15	-	-	-	-	15
Topic 7. Information support and labeling of goods	14	2	2	-	-	10	19	2	2	-	-	15
Topic 8. Commodity characteristics of the range of consumer goods	16	4	2	-	-	10	10	-	-	-	-	10
<i>Test work No. 2</i>	2	-	2	-	-	-	-	-	-	-	-	-
Total per content section 2	56	12	12	-	-	32	56	4	2	-	-	50
Total hours	120	24	24	-	-	72	120	6	4	-	-	110



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7 List of obligatory tasks

1. The state of the consumer market of certain groups of goods.
2. Specific features of barcode labeling of goods in accordance with the current state standards of Ukraine.
3. Specific features of the classification of the industrial range of products.
4. The basics of qualimetry.
5. Technical level of quality.

8 List of selective tasks

1. Specific features of labeling different groups of goods.
2. Commodity science, purpose and objectives.
3. Basic principles and methods of commodity movement.
4. Objects and subjects of commodity research activities.
5. The importance of commodity science in the marketing system.
6. Basic concepts of the range of goods.
7. Classification of the range of goods.
8. Properties and indicators of the range of products.
9. Assortment concept and assortment policy.
10. Factors in the formation of the range of goods.
11. The basic concepts of product quality assessment and the main groups of operations.
12. The concept of such terms as quality, properties and quality indicators.
13. Nomenclature of consumer properties and quality indicators of products.
14. Requirements for food and non-food products.
15. Grading of the quality of goods.

9 Discipline features

Period of teaching	Semester	International disciplinary integration	Year of study	Courses: general training/profession training/elective
1 semester	2 nd semester	available	1 st year	Professional training

10 Assessment system and requirements. General system of discipline assessment

As part of discipline teaching, one carries out current and final control of students' knowledge. The final grade in the form of an exam is given according to the total rating of students.

QR Code: <https://ie.u.edu.ua/docs/pol-mark-esb.pdf>

According to the results of current control during a semester, students can obtain 100 points maximally, the minimum sum of points allowing students to pass the discipline is 60 points.

Correlation between national and ECTS grades and student rating: **QR Code:** <https://ie.u.edu.ua/docs/pol-mark-esb.pdf>



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11 Admission to final control

The minimum amount of points that should be obtained by students for current educational activities during a semester to be admitted to the final control is 36 points. The grade for the discipline is defined as a sum of the final points for current activities and the points for the final control and is expressed due to the multipoint scale.

The grade for the discipline completing with the exam is determined as the sum of points for current learning activities (at least 36), points for individual independent work of students (no more than 6) and points for the test (at least 24).

The overall points of the discipline are 100. The total grade for the discipline is given according to the national and European scale.

The final control in the form of an exam is carried out after learning all the topics of the discipline, during the examination session.

QR Code: <https://ie.u.edu.ua/docs/050.pdf>

12 Discipline policy

To ensure fruitful learning and cognitive activities of students while studying the discipline, one holds relevant lectures and seminars in the form of presentations, case studies, group work and discussion seminars.

During classes and at the University, students should respect lecturers, staff and other students, attend classes according to the schedule, come on time and not leave classes without lecturer's permission. All academic assignments should be performed by the deadlines.

The teaching staff should constantly advance their professional level, teaching skills, general culture, as well as provide students with appropriate conditions for learning educational programs according to the requirements for the content, level and capacity of education, and encourage their comprehensive professional development. Lecturers should follow the curriculum, not be late for classes, not allow any manifestations of corruption, discrimination, bullying, harassment and infringement of the students' rights.

13 Policy of absence and late task performance

Students who miss the current control for valid reasons confirmed by documents have the right to take current control within two weeks after returning to studying.

Students who have missed classes without valid reasons, have not participated in current control activities, have not liquidated academic failure are not admitted to the final semester control of this discipline. In this case, an academic staff member puts a mark 'non-admission' in the exam record.

Repeated taking of the exam in the discipline is appointed in case of accomplishing all types of educational, independent (individual) work stipulated by the working program of the academic discipline and is carried out according to the approved schedule of academic failure liquidation.

QR Code: <https://ie.u.edu.ua/docs/050.pdf>

14 Academic integrity policy

Participants in the educational process rely on the academic integrity principles **QR Code:** <https://ie.u.edu.ua/docs/011.pdf>



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**Primary (basic) literature:**

1. Commodity science: textbook. Vol. 1: Non-food products / N.V. Merezhko, O.R. Mokrousova, L.A. Koptiukh, et al. – Kyiv: KNTEU, 2019. – 760 p.
2. Artiukh T.M., Hryhorenko I.V. Theoretical foundations of commodity science [electronic resource]: study guide. Kyiv: NUFT, 2014. 263 p.
3. Melnyk T.Y. Commodity science: textbook (for students of economic specialties) [Electronic edition]. Zhytomyr: Zhytomyr Polytechnic State University, 2020. 364 p.
4. Osnach O.F. Commodity science: study guide. Kyiv: Center for Educational Literature. 2017. 219 p.
5. Podvirna T.V. Reference lecture notes on the discipline: Theoretical foundations of commodity science and entrepreneurship for full-time students in 076 "Entrepreneurship, trade and exchange activities. Ternopil: TNTU named after I. Puluj, 2017. 200 p.
6. Nazarenko L.O. Expertise of goods (Expertise of food products) [text]: study guide. Kyiv: Center for Educational Literature, 2014. 312 p.
7. Saharay H.K. Textbook on Consumer Protection. Paperback Law 3 Ed 2017. 240 p.

Additional literature:

1. Sholudchenko S.V. Educational and methodical complex in the COMMODITY SCIENCE discipline for full-time and part-time students in 6.030507 Marketing. – K.: NUBIP of Ukraine, 2016.
2. Commodity Science of Fruit and Vegetable Products, Spicy and Aromatic Plants and Spices [Text]: study guide for university students / L.D. Liovshyna, V.M. Mykhailov, O.V. Miachykov; Kharkiv State University of Food Technology and Trade. – K.: Lira-K, 2010. – 388 p.
3. DSTU 3144-95-DSTU 3148-95. Codes and coding of information. – K.: State Standard of Ukraine, 1995.
4. DSTU 2925-94. Quality of products. Quality assessment. Terms and definitions. – K.: State Standard of Ukraine, 1994.
5. DSTU 3021-95. Testing and quality control of products. Terms and definitions – K.: State Standard of Ukraine, 1995.
6. DSTU 3993-2000. Commodity science. Terms and definitions. – K.: State Standard of Ukraine, 2000.
7. Syrokhman I.V. Commodity science of food products: textbook / Syrokhman I.V., Zadorozhnyi I.M., Ponomariov P.K. 4th ed., revised and supplemented. – K.: Libra, 2007. – 660 p.
8. Korobkina Z.V. Taste goods: textbook / Z.V. Korobkina, O.L. Romanenko. Kyiv National Trade and Economic University, 2003. – 379 p.
9. Syrokhman I.V. Commodity science of flavoring goods / I.V. Syrokhman, T.M. Rasytiuk. Lviv: Lviv Commercial Academy Publishing House, 2003. – 428 p.
10. Orlova N.Y. Fruit, berries, vegetables, mushrooms and products of their processing: textbook / N.Y. Orlova, P.K. Ponomariov. – Kyiv National Trade and Economic University, 2002. – 360 p.
11. Rudavska H.B. Food concentrates: textbook / H.B. Rudavska, Y.V. Tyshchenko. Kyiv National University of Trade and Economics, 2001. – 320 p.
12. Rudavska H.B. Dairy and egg products: textbook / H.B. Rudavska, Y.V. Tyshchenko. – K.: Book, 2004. – 392 p.
13. Syrokhman I.V. Commodity science of meat and meat products / I.V. Syrokhman, T.M. Rasytiuk. – K.: Center for Educational Literature, 2004. – 384 p.
14. Theoretical foundations of commodity science / Y.T. Zhuk, V.A. Zhuk, N.K. Kysliak, M.K. Kushnir, N.Y. Orlova, M.A. Salashynskyi. – K.: Ukooposvita EMC, 2000. – 336 p.
15. Tyshchenko Y.V. Edible fats: textbook / Y.V. Tyshchenko, P.K. Ponomariov. Kyiv National University of Trade and Economics, 2005. – 225 p. 10. Normative documentation, standards, reference books.
16. Zrezartsev M.P. Commodity Science of Non-Food Products: study guide for students of higher education institutions / M.P. Zrezartsev, V.M. Zrezartsev, V.P. Paranich. – Kyiv: Center for Educational Literature, 2009. – 328 p.
17. Mykhailov V.I. Non-food products: textbook / V.I. Mykhailov, T.H. Hlushkova, O.I. Zelnichenko. – Kyiv: Book, 2005. – 554 p.



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Recommended sources of information

18. Syrokhman I.V. Commodity science of food products: textbook / I.V. Syrokhman, I.M. Zadorozhnyi, P.K. Ponomariov. – Kyiv: Libra, 2007. – 598 p.

Information resources:

1. Vernadsky National Library of Ukraine.
2. www.udsa.ua – Ukrainian Association of Direct Sales.
3. Information portal of the Union of Jewelers of Ukraine [Electronic resource]. – Available at: <http://juvelir.org.ua/>
4. AUTO.RIA™ [Electronic resource]. – Available at: <https://auto.ria.com/uk/>

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Tips for successful study in the course

If you want to succeed in this discipline, you should be:

- **persistent, attentive and curious;**
- **creative, cheerful, and open to communication and discussions;**
- **ready to acquire information and knowledge about the subject not only during lectures but also during extracurricular activities.**

See you at classes!