

**SYLLABUS OF THE EDUCATIONAL COMPONENT  
«LATIN LANGUAGE AND MEDICAL TERMINOLOGY»**

Speciality: **222 ««Medicine»»**  
Educational and professional program: **Medicine**  
Component code in the educational program: **MC 02**  
Higher education level: **second (master's degree)**  
Form of education: **full-time**  
Year of study: **1**  
Semester(s): **I (autumn) or II (spring)**  
Type of educational component: **mandatory**  
Academic year: **2024-2025**

Volume: **3 credits ECTS (90 hours)**  
Training sessions: **practical classes**  
Final control: **graded credit**  
Prerequisites: **knowledge of the language of teaching at the level of general education in high school**

Department/Unit: **Department of the Latin language and medical terminology, Trinklera str., 12**  
Head of the educational component: **acc. prof. Oleksandra Lytovska** [ov.lytovska@kbm.u.edu.ua](mailto:ov.lytovska@kbm.u.edu.ua)  
Page of the educational component in the Distance Learning System of KhNMU (Moodle):  
Anatomical terminology <https://distance.knm.u.edu.ua/course/view.php?id=518>  
Clinical terminology <https://distance.knm.u.edu.ua/course/view.php?id=421>  
Pharmaceutical terminology <https://distance.knm.u.edu.ua/course/view.php?id=226>

**DESCRIPTION OF THE EDUCATIONAL COMPONENT**

The study of the "Latin Language and Medical Terminology" educational component is based on the knowledge of Ukrainian and foreign languages. Practical classroom topics address the core issues of the component according to the sections of elementary Latin grammar required to understand the construction of anatomical, histological, pharmaceutical, and clinical terms.

**PURPOSE OF THE COURSE:** To ensure that students master the lexical material of anatomical, histological, clinical, and pharmaceutical terminology.

**LEARNING OUTCOMES:** *(in a language understandable to applicants)*

- Demonstrate proficiency in using Latin medical nomenclature in written work.
- Apply knowledge of Latin morphology and syntax when utilizing medical terms.
- Read and explain medical vocabulary, translating from Latin to English and vice versa.
- Correctly use common medical names and established Latin phrases/idioms.
- Recognize the structure of complex terms and understand the meanings of basic Greek lexical elements.
- Identify typical word-forming components in the names of pharmacological drugs and accurately record these names in Latin.
- Identify frequent segments in the names of medicinal products and correctly write these names in Latin.
- Master the skills of forming simple and compound clinical terms, knowing the most common word-forming stems, as well as suffixal and prefixal morphemes of Latin and Greek origin.
- Understand and translate clinical diagnoses or their individual components from Latin to English and vice versa.
- Knowledge of prescription formatting: Understand the basic regulations for writing prescriptions in Latin, the rules for indicating the quantity of medicinal substances, and the correct use of standard abbreviations.

**CONTENT OF THE EDUCATIONAL COMPONENT****List of lecture topics:**

Not provided according to the curriculum.

**List of topics of practical classes (70 hours):**

1. Phonetics. Latin alphabet. Classification of vowels and consonants. Diphthongs and digraphs. Letter combinations.
2. Phonetics. Long and short syllables. Stress.
3. The notion “scientific term”. System of a Latin noun. The dictionary form. Grammatical categories. Non-coordinated attribute.
4. System of a Latin adjective. Systematic study of adjectives of the I group. Gender endings, definition of stem. Coordinated attribute.
5. The main models of anatomical terms. Ordinal numerals.
6. Adjectives of the III declension. The dictionary form. Declensional endings.
7. Practical exercises in translation of anatomic terms on base of vocabulary studied.
8. Current test in topics 1-7. The nouns of the I and II declensions. Nominativus et Genetivus Pluralis. The formation of Plural forms. The rule of the neuter gender. Abbreviations in anatomical nomenclature.
9. The adjectives of the I and II declensions. Translation of terms in Plural.
10. Practical exercises in translation of anatomical terms.
11. Current test in topics 1-10. General information about the III declension nouns. Nouns of the masculine gender. Gender endings of masculine. Exceptions to the rules about gender.
12. Feminine gender nouns of the III declension. Gender endings of feminine. Exceptions to the rules about gender.
13. Neuter gender nouns of the III declension. Gender endings of neuter and exceptions to the rules. Particularities of Plural forms.
14. Adjectives of the III declension. Present participle active. Superlative degree form. Vocabulary. Usage in anatomical nomenclature.
15. Nouns of the IV and the V declension. Exceptions.
16. Names of organs of digestion system. Substantivation: adjectives as nouns. Translation of anatomical terms.
17. Practical exercises in translation of anatomical terms.
- 18.** Conclusive current test in topics 1-17.
19. The notion of “clinical term”. One and multiword terms. Structural models of clinical terms.
20. The way of clinical term formation by means of suffixes.
21. The way of clinical term formation by means of prefixes. Greek prefixes.
22. The way of clinical term formation by means of prefixes. Latin prefixes.
23. Complex clinical terms. Greek and Latin roots pertaining to organs, tissues, vessels. Final combining forms pertaining to study, diagnostic methods, therapy, suffering, pathology.
24. Complex clinical terms. Greek and Latin roots pertaining to physiologic and pathologic processes. Final combining forms pertaining to surgical interventions.
25. Clinical terminology. Complex terms. Initial combining forms pertaining to physical particularities.
26. Practical exercises in translation and formation of clinical terms.
27. Current test in topics 1-7. The verb in prescription. Prescription phrases and special expressions.
28. General information about pharmaceutical terminology. Structural models of pharmaceutical terms. Trivial names of medicines. Names of groups of medicines by their pharmacological action. Solid, liquid and soft medicine forms.
29. Prescription and its structure. Latin part of prescription. Models of prescription. Prescription abbreviations.
30. Chemical terminology. Chemical elements, acids, oxides names.
31. Chemical terminology. Names of salts and ethers. Writing out prescriptions with names of chemical compounds.
32. Latin names of plants and their parts. Names of medicine forms with raw material, writing out prescriptions.
33. Practical exercises in translation of pharmaceutical terms.

34. Current test in topics 9-16 (tests).

35. Differential credit

### **List of topics of independent work of the student (20 hours)**

1. Phonetics. Latin alphabet. Classification of vowels and consonants. Diphthongs and digraphs. Letter combinations.
2. The nouns of the I and II declensions.
3. General information about the III declension nouns. Nouns of the masculine gender. Gender endings of masculine. Exceptions to the rules about gender.
4. Feminine gender nouns of the III declension. Gender endings of feminine. Exceptions to the rules about gender.
5. Neuter gender nouns of the III declension. Gender endings of neuter and exceptions to the rules. Particularities of Plural forms.
6. Complex clinical terms. Greek and Latin roots pertaining to organs, tissues, vessels. Final combining forms pertaining to study, diagnostic methods, therapy, suffering, pathology.
7. Complex clinical terms. Greek and Latin roots pertaining to physiologic and pathologic processes. Final combining forms pertaining to surgical interventions.
8. General information about pharmaceutical terminology. Structural models of pharmaceutical terms. Trivial names of medicines. Names of groups of medicines by their pharmacological action. Solid, liquid and soft medicine forms.
9. Chemical terminology. Chemical elements, acids, oxides names.
10. Names of salts and ethers. Writing out prescriptions with names of chemical compounds.

The IWS is aimed at deepening and consolidating the theoretical knowledge gained during classroom training and contributing to the formation of professional competencies. The results of the IWS are subject to control and are included in the final control of knowledge.

**Consultations:** online, according to the schedule of the department given at the Moodle course page.

**Teaching methods:** Narrative explanation, discussion, visual demonstration, presentation, completion of exercises and practical assignments, case-based learning

### **EVALUATION**

**Current Learning Activities (CLA).** Assessment of student performance is conducted in accordance with the Instructions for Assessing the Academic Activity of Higher Education Students at KNMU ([https://knmu.edu.ua/doc\\_block\\_type/instrukcziyi-navchalnogo-proczesu/](https://knmu.edu.ua/doc_block_type/instrukcziyi-navchalnogo-proczesu/)). Grades for practical or final classes range from 2 to 5 points.

**Late Submissions:** Submitting assignments late without a valid reason will result in a grade reduction based on the percentage of time delayed beyond the deadline. Assignments are reviewed within 24 hours, and grades are recorded in the electronic journal.

Unsatisfactory grades must be reworked according to the Regulations on the Procedure for KNMU Students to Rework Academic Classes ([link to document](#)).

Current Learning Activities accounts in accordance with Table 1 of the Instructions for Assessing. The grade is determined on a scale from 70 to 120 points and marked as "completed" (pass) or "not completed" (fail). The conversion of the average grade for current activity into a multi-point scale is carried out according to the Instructions for Assessing Students' Academic Activity.

Current Learning Activities (2nd Semester) is calculated similarly, based on the conversion of the average grade for 16 classes into a multi-point scale. The arithmetic mean of the CLA for both semesters constitutes the Total Learning Activity (TLA).

**Individual tasks (IT)** are evaluated up to 10 points.

**Final control. T**

The Differentiated Credit for the discipline in the 2nd semester is conducted by the academic group instructor during the final class of the course.

To be admitted to the exam/credit, a student must accumulate a minimum of 70 points in Total Learning Activity (TLA).

Grading Scale: The score for the Graded Credit ranges from 50 to 80 points.

**Grade in subject (GS).  $GS = TLA + IT + \text{dif. credit}$**

Grade in subject is evaluated by 200 point scale, ECTS ("A", "B", "C", "D", "E") and traditional system («satisfactory», «good», «excellent»)

**Appealing the results of the final control** is carried out in accordance with the procedure established in KhNMU ([https://knmu.edu.ua/wp-content/uploads/2021/05/polog\\_apel\\_kontrol.pdf](https://knmu.edu.ua/wp-content/uploads/2021/05/polog_apel_kontrol.pdf)).

### **POLICIES OF THE EDUCATIONAL COMPONENT**

**Recommendations for working on the course:** Students are recommended to participate actively in all forms of classroom activities, fully complete written and homework assignments, ask questions during classes, attend consultations, and submit assignments and all forms of assessment on time. Student's participation in scientific research and conferences related to the subject matter of the educational component is highly encouraged.

**Attending classes.** Attendance at practical classes is mandatory. The required attire for in-person (offline) classes is a white medical coat. If you are more than 5 minutes late, you may be denied entry to the class. Missed classes must be made up in accordance with the Regulations on the Procedure for KNMU Students to Make Up Academic Classes.

**Academic integrity.** KhNMU stands on the positions of zero tolerance to manifestations of academic dishonesty. Any violations of the principles of academic integrity entail responsibility in accordance with the procedure established by KhNMU ([chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://knmu.edu.ua/wp-content/uploads/2021/05/pol\\_por-vidprac-zaniat.pdf](chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://knmu.edu.ua/wp-content/uploads/2021/05/pol_por-vidprac-zaniat.pdf)). ([https://knmu.edu.ua/wp-content/uploads/2021/05/polog\\_ad-1.pdf](https://knmu.edu.ua/wp-content/uploads/2021/05/polog_ad-1.pdf)).

**Use of electronic gadgets and artificial intelligence tools.** Allowed for participation in learning activities with permission of the teacher

**Policy on persons with special educational needs.** Persons with special educational needs should approach the teacher for development of individual education trajectory.

**Teacher Response Time:** 24 hours.

#### **Technical requirements for the course:**

- access to a computer, laptop, tablet or smartphone
- Corporate Google account with your own photo
- skills in working with Google Workspace (Google Meet, Docs, Sheets, Slides, Forms) and Moodle
- *other requirements of the department*

**Technical support:** ASM (ev.shevtsov@knmu.edu.ua), Google (tehotdelknmu@gmail.com), Moodle (al.korol@knmu.edu.ua)

### **RECOMMENDED SOURCES**

1. FIPAT. Terminologia Anatomica. 2nd ed. FIPAT.library.dal.ca. Federative International Programme for Anatomical Terminology, 2019. URL: <https://libraries.dal.ca/Fipat/ta2.html>
2. ICD-11 pro Statistica Mortalitatibus et Morbiditatibus. URL: <https://icd.who.int/browse/2025-01/mms/la#1435254666>.
3. Latin Language and Medical Terminology. Part 1. Anatomical Terminology : Students' book / Derevyanchenko N. V., Zana L. Yu., Lytovska O. V. Kharkiv, 2019. 60 p.

4. Latin language and medical terminology. Part II. Clinical and pharmaceutical terminology : methodic materials / Derevyanchenko N. V., Lozenko V. V., Lytovska O. V. Kharkiv, 2018. 86 p.
5. The Latin Language and Medical Terminology Basics : textbook / L. Yu. Smolska, O. H. Pylypiv, P. A. Sodomora [et al.] ; ed. L. Yu. Smolska. 4th ed. Kyiv : AUS Medicine Publishing, 2018. 400 p

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