

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
YURII FEDKOVYCH CHERNIVTSI NATIONAL UNIVERSITY**

**Faculty of Foreign Languages
Department of Foreign Languages for Natural Sciences**

SYLLABUS

ACADEMIC WRITING AND RHETORIC OF COMMUNICATION

Educational and professional program: Biology, Ecology, Chemistry, Physics and Astronomy, Applied Physics and Nanomaterials, Geography, Mathematics, Applied Mathematics, Software Engineering, Electronics, Telecommunications and Radio Engineering.

Specialism: 091 Biology, 101 Ecology, 102 Chemistry, 104 Physics and astronomy, 105 Applied Physics and Nanomaterials, 106 Geography, 111 Mathematics, 113 Applied Mathematics, 121 Software Engineering, 171 Electronics, 172 Telecommunications and radio engineering.

Branch of knowledge: 09 Biology, 10 Natural sciences, 11 Mathematics and statistics, 12 Information Technology, 17 Electronics and Telecommunications.

Level of higher education - for applicants of the third level of higher education in the specialty.

Training of specialists in this education and professional program is carried out by Postgraduate Department of Yuri Fedkovych Chernivtsi National University.

The language of instruction is **English**.

Developed by: Olena I. Maniutina, Head of the Department of Foreign Languages for Natural Sciences, Candidate of Sciences, Associate Professor; Tetiana V. Venkel, Candidate of Sciences, Associate Professor.

Teacher's profile: <http://www.natural1.chnu.edu.ua/?lang=uk>

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Course account in Moodle (is being updated).

Consultations: consultations in person (one academic hour (45 minutes) / week) according to the schedule of the teacher approved for the current academic year (see the link: http://www.natural1.chnu.edu.ua/?page_id=15&lang=uk)

Online consultations: one academic hour (45 minutes) / week according to the schedule http://www.natural1.chnu.edu.ua/?page_id=15&lang=uk

Individual consultations: by prior arrangement with the course teacher.

1. Description of the discipline (general information)

Year of study: 1; semester of study: 1 - 2; number of credits: **6**; only **180** hours; number of hours per semester: **90** (lectures - 6; practical - 60; for self-study - 30. Number of classroom hours per week - **6**.

Time and place:

- **Classroom activities:** according to the schedule, provided in Classrooms 40, 46 Building 6.
- **Independent activities:** the results of independent work are covered through online/distant communication or in contact with the teacher.

Prerequisites: a series of foreign language courses provided by the Department of Foreign Languages for the faculties of natural sciences during the bachelor and master's studies in the corresponding specialism.

Post-requisites of the discipline of competence required in the professional and scientific activities of the specialist.

2. The discipline "Academic Writing and Rhetoric of Foreign Language Communication" belongs to the educational component of the postgraduate training program (humanitarian cycle)

and at the same time provides additional tools – professionally oriented communicative competence for successful study of relevant disciplines.

The main purpose of the course is to improve the foreign language communicative competence of graduate students for its effective use in oral and written forms in accordance with the motives, goals and social norms of speech behavior in typical areas and situations of communication.

As a result of successful completion of the program of this course, it is expected to increase the level of English language proficiency to B2 + / C1, which is a transition between advanced and autonomous levels of independent user language.

The aim of the discipline: is to form graduate students' rhetoric of foreign language communication, the basis for which are communicative skills, formed on the basis of language knowledge and skills that meet the standard B2 + / C1. The development of the rhetoric of foreign language communication depends on socio-cultural and sociolinguistic knowledge, skills and abilities that ensure the entry of the individual into another society and promote its socialization in a new society.

Tasks of studying the discipline: On completing the discipline, the graduate student must have:

- *phonetic competence, namely:* phonemes and their articulatory-acoustic characteristics; basic modifications of sounds in the flow of speech; phonetic organization of words (syllable, verbal stress); intonation and its main components (melody, rhythm, pause, stress, tempo, volume and timbre); transcription or other symbols and graphic possibilities of intonation display;

- *lexical competence, namely:* oral and written forms of words; their semantics (denotative and connotative meaning); the relative value of the word or its ability to have antonyms, synonyms, homonyms, paronyms, stylistic and socio-cultural color; syntactic and lexical connecting values of the word; word formation rules (word formation, conversion, etc.); types of dictionaries; basic concepts related to word structure (root, prefix, suffix); similarities and / or differences in the lexical systems of native and foreign languages;

- *grammatical aspect of speech:* rules of linguistic grammar, adapted for EFL teaching.

The content of the discipline corresponds to the curriculum and work programs of the discipline, as well as the complex scientific topics of the Department of Foreign Languages for the faculties of natural sciences and the Faculty of Foreign Languages.

3. Didactic map of the discipline:

Term 1

Results of the study	Educational activities	Academic hours of a student	Grading (points)
To know: phonemes and their articulatory-acoustic characteristics; oral and written forms of speech; their semantics (denotative and connotative meaning); parts of speech	Module 1. Socialization and communication in the academic environment Topic 1. Introductory remarks on the course Lesson plan: Test and questionnaire for self-assessment. Phonetic structure of the English language. Phonetics workshop. Parts of speech. Recommended sources: Basic: 1.8; Additional: 1.	4	2
To be able to: read and understand the basic information of the text	Independent Work: reading and analysis of academic and professional text	2	2
To know: basic modifications of sounds in the flow of speech; the relative value of the word or its ability to have antonyms, synonyms, homonyms, paronyms, stylistic	Topic 2. Academic resources for learning English. Lesson plan: Use of articles. International scientific conferences. Verb.	4	2

and socio-cultural color; use of articles, with the highest degree of adjectives in particular; characteristics of the English verb	Recommended sources: Basic: 1.8; Additional: 1.		
To be able to: to hold a conversation on the topic, to adequately use the appropriate species-temporal forms of the English verb; correctly organize the order of words in a simple (narrative, negative) sentence	Independent Work: Information exchange. Active Voice and species-temporal forms of the English verb.	2	2
To know: phonetic structure of words (syllable, verbal stress); syntactic and lexical connecting values of the word; differences in scientific writing in English; rules of coordination of times, use of direct and indirect speech	Topic 3. Cultural differences of scientific writing. Lesson plan: Passive Voice. Indirect speech. Recommended sources: Basic: 1,7,8; Additional: 1.	4	2
To be able to: read academic texts on the specialism understanding the content of what is read, translate and review professional texts	Independent Work: Professional academic reading. Translation of professional text.	2	2
To know: intonation and its main components (melody, rhythm, pause, stress, tempo, volume and timbre); rules of conversation in the academic environment; prepare and write an announcement of a professional event.	Topic 4. Communication in the academic environment. Rules of sequence of tenses. Lesson plan: Conference announcement. Impersonal verb forms. Recommended sources: Basic: 1,2,7,8; Additional: 2.	4	2
To be able to: apply for participation in the conference, prepare an information letter, search and process information in order to participate in the conference	Independent Work: Application for the conference. Information sheet. Professional reading. Translation of professional text.	2	2
To know: transcription or other symbols and graphic possibilities of intonation display; word formation rules (word formation, conversion, etc.); types of dictionaries; conditional verb. Complex and simple sentences, word order in a complex sentence.	Topic 5. Preparation, writing and analysis of a written task. Lesson plan: Conditional Mood of the verb. Complex and simple sentences. Professional reading. Recommended sources: Basic: 1,2,7,8; Additional: 2.	4	2
To be able to: read with full understanding of the content of what is read, translate and edit the translation	Independent Work: Translation of professional text.	-	2
	Final test	2	10
To know basic concepts related to word structure: (root, prefix, suffix); similarities and / or differences in the lexical systems of native and foreign languages. Information sources, scientometr Topic 5. Preparation, writing and analysis of a written task. Lesson plan: Conditional verb mode. Complex and simple sentences. Professional reading. Recommended sources: Basic: 1,2,7,8; Auxiliary: 2.ic databases, educational	Module 2. Search for information Topic 1 Discussion of conference materials. Lesson plan: Information sources, scientometric databases, educational platforms and resources. Recommended sources: Basic: 1.8; Additional: 2.	4	2

platforms and resources.			
To be able to: apply basic skills at the scientific and general professional level (conversation, argumentation, demonstration, presentation, etc.)	Independent Work: Professional academic reading.	2	2
To know basic lexical and phraseological units to describe the structural elements of scientific research	Topic 2 Conducting research at the university. Lesson plan: Structural elements of scientific research. Recommended sources: Basic: 1.8; Additional: 3.	4	2
To be able to use scientific texts on special topics, work with industry terminology	Independent Work: Professional academic reading. Translation of professional text.	2	2
To know reveal and reproduce professional content with communicative techniques with specific professional content (definition, description, etc.).	Topic 3 Preparing and writing an annotation. Lesson plan: Abstracting the text in a foreign language. Recommended sources: Basic: 1.8; Additional: 4.	4	2
To be able to use scientific texts on special topics, prepare reports related to the chosen specialism.	Independent Work: Professional academic reading.	2	2
To know rules of linguistic grammar, adapted for teaching EFL and used to write a grant proposal, etc.	Topic 4 Preparation of documents for participation in grant programs Lesson plan: Preparation of documents for academic exchange. Recommended sources: Basic: 1.8; Additional: 2,4.	4	2
To be able to understand authentic texts of different genres and types with different levels of understanding of the content, considering them as a source of diverse information and as a means of mastering it	Independent Work: Professional academic reading. Preparation for publication of abstracts.	2	4
To know <i>grammatical aspect of speech:</i> rules of linguistic grammar, adapted for teaching EFL.	Topic 5 Preparation for the final written task. Lesson plan: Revision of lexical and grammatical material, preparation for vocabulary and grammar test Recommended sources: Basic: 1.8; Additional: 2,3,4.	4	2
To be able to apply the rules of writing a review of theoretical sources.	Independent Work: Professional academic reading.	-	-
	Vocabulary and grammar test. <i>Credit Test</i>	2	10
Total for Term 1:		60	60
Credit test:		-	40
Total:		60	100

Term 2

Results of the study	Educational activities	Academic hours of a student	Grading (points)
To know and comprehend scientific texts	Module 3. Academic writing	4	2

of different genres and types with different levels of understanding of the rules of content structure	Topic 1. Strategies and genres of academic writing Lesson plan: Genres and sub-genres of academic writing Recommended sources: Basic: 1.8; Additional: 2.3.		
To be able to: read and understand the details of text information	Independent Work: Academic reading	2	2
To know: rules for writing and making up an annotation; grammatical, lexical and phraseological structure of the annotation to the article.	Topic 2. Preparation and writing of an annotation to a scientific article. Lesson plan: Annotation and abstracting of a scientific article. Recommended sources: Basic: 1.8; Additional: 2.	4	2
To be able to: prepare messages and instructions in the academic and professional environment.	Independent Work: academic professional reading	2	2
To know: rules and structure of abstracts in English. To understand the intentions of the speaker and the communicative consequences of his speech; clearly argue their positions on topical issues in academic and professional life to have a language etiquette of written communication: language models of treatment, courtesy, apology, agreement, etc.	Topic 3. Preparation and writing of abstracts for participation in the conference. Lesson plan: Recommended sources: Basic: 1.8; Additional: 5.	4	2
To be able to: read academic texts on the specialism with a full understanding of the content of what is read; translate, edit and review professional texts	Independent Work: academic professional reading; translation of professional text	2	2
To know: how to create and prepare business and professional correspondence with a high level of grammatical correctness; to hold a discussion on the proposed topics provided by the program; to translate authentic literature on the specialism.	Topic 4. Problem solving. Lesson plan: Preparation of a written answer, response, review Recommended sources: Basic: 1.8; Additional: 6.	4	2
To be able to: compile information obtained from foreign sources in the form of translation and abstracting in the native language.	Independent Work: Translation and annotation of professional text.	2	2
To know and understand the intentions of the speaker and the communicative consequences of his speech; clearly argue their positions on topical issues in academic and professional life (eg, at conferences, discussions in the academic environment), have a language etiquette of written communication: language models of treatment, courtesy, apology, apology, agreement, etc.	Topic 5. Creating a virtual learning environment. Distance Learning. Lesson plan: Modern testing systems Recommended sources: Basic: 1.8; Additional: 5.	4	2
To be able to: apply the amount of	Independent Work: Translation and	-	2

knowledge for the final written task	abstracting of scientific and professional text. Preparation for the final text		
	Final test	2	10
To know and be able to carry out oral communication (in dialogical and monologue forms) in the process of business contacts, business meetings, conferences, presentations.	Module 4. Presentation of research results Topic 1 Structural elements of the report/essay Search and processing of information for the presentation. Lesson plan: Making a presentation. Introduction to the presentation: definition of goals and objectives Recommended sources: Basic: 1.8; Additional: 4.	4	2
To be able to: apply basic skills at the academic and general professional level (conversation, argumentation, demonstration, presentation, etc.)	Independent Work: Professional reading.	2	2
To know basic lexical and phraseological structure to describe the structural elements of the presentation of research results. Rules of text interpretation and paraphrasing.	Topic 2 Search for information and preparation of its graphic representation. Lesson plan: Preparation of oral and written interpretation of graphic information. Recommended sources: Basic: 1.8; Additional: 2.	4	2
To be able to use scientific texts on special topics, work with terminology in the field of expertise	Independent Work: Professional academic reading. Description of resources.	2	2
To know rules for applying the scientific approach and method for planning, structuring, logical combination of pieces of information, arguments to support and develop the thesis.	Topic 3 Organization of the main part of the presentation. Design and organization of text on slides. Lesson plan: planning, structuring, logical combination of pieces of information, arguments to support and develop the thesis. Recommended sources: Basic: 1.8; Additional: 1,2.	4	2
To be able to use scientific texts on special topics, prepare reports related to the chosen specialism.	Independent Work: Professional academic reading. Preparation of the glossary.	2	2
To know and be able to use, if necessary, various strategies to meet didactic needs (work with a manual / textbook, dictionary, reference books, professional literature, multimedia, etc.).	Topic 4 Writing a plan, text, summary and conclusion of the presentation. Preparation for writing an essay. Lesson plan: Analysis of online video performances (structure, verbal and nonverbal means of communication). Recommended sources: Basic: 1.8; Additional: 2.	4	2
To be able to arrange material, reveal and reproduce professional content with communicative techniques of specific professional content (definition, description, etc.).	Independent Work: Arranging the materials, use of clarity, and preparation for answering listeners' questions, organization of discussion. Rules of discussion.	2	4
To know structural elements of speech with prepared own presentations on various	Topic 5 Presentation of research results. Lesson plan: Defense of reports.	4	2

topics of academic and professional origin; how to create a clear, detailed monologue within the topics related to education and specialism; use basic means of communication to combine statements into a concise, logically integrated discourse.	Recommended sources: Basic: 1.8; Additional: 2.		
To be able to use the entire amount of studied lexical and grammatical material to write an exam test	Independent Work: Revision of lexical and grammatical material, preparation for vocabulary and grammar test	-	-
	Vocabulary and grammar test.	2	10
Total for Term 2		60	60
Examination		-	40
Total for academic year		60	100

4. System of control and evaluation of learning results – according to the provision "On control and evaluation of learning achievements of students at Chernivtsi National University". While studying the discipline, the teacher carries out the current and final control of students' achievement. Current control involves oral interviews, written tasks, writing two tests.

Essay/report (15 pages) consists of a Ukrainian-language review (3-5) of authentic scientific papers, a glossary of 100 terms in this field of science and a report on scientific research, presented in English in the amount of two or three pages.

Reporting documents on passing the candidate exam are: written essay/report and examination minutes with the results of the exam. The total grade consists of the result of the exam and the grade for the essay/report.

Exam structure:

1. Reading and written translation into Ukrainian (using a dictionary if necessary) of the original text on the specialism of 2000 printed characters in volume. Time assigned – 4-5 minutes
2. Written annotation in English (500 printed characters) of Ukrainian-language text of general scientific purpose (4000 - 4500 printed characters). Time assigned – 40 minutes. The use of dictionaries is allowed.
3. Vocabulary and grammar test - performed by the end of April. Time assigned – 1 hour.
4. Interview in English on research and specialization with a teacher.

Course policy:

The educational process is arranged according to the calendar plan.

At the beginning of the course there are 5 hours of lectures, which address the following issues: the purpose and objectives of the course; exam requirements; main characteristics of level of language expertise B2 + / C1 (CEFR); lexical and stylistic features of scientific and technical literature; terminology; types of annotations and abstracts; features of using dictionaries and reference books; translation of foreign scientific and technical literature; grammatical, lexical, terminological and genre-stylistic difficulties of translation.

At practical classes it is recommended to use communicatively oriented language (lexical and grammatical) and speech exercises (transformational, on translation techniques, substitution, addition, reduction and expansion of sentences, question-answer exercises, to reveal the content of the text, sentences that illustrate certain provisions or answer the previous question; tasks to identify inconsistencies in the text with the proposed provisions: independent division of the text

into semantic parts and determine the titles to them; drawing up a plan; shortening paragraphs and sentences), video clips.

At individual lessons, all questions that arise during independent work on the texts are clarified, and a report on what has been done is submitted. The report may take the form of bibliographic selection, selective oral and written translation, oral and written annotations, concise messages and reports in native and foreign language from the material read.

During the course of study for getting additional points (5-10) it is recommended to encourage graduate students to participate in conferences, symposia and other professional and academic events with mandatory public speaking, to involve graduate students in compiling industry terminology glossaries, making translation for specialized departments, translation of patents, annotating and abstracting of books, magazines, articles, etc.

The terms and requirements for independent study of foreign language professional literature are: 1st semester - 150 pages; 2nd semester - 150 pages. Total: 300 pages.

The final form of control is a test on grammar and vocabulary, which is preceded by 2 written works of intermediate control.

Postgraduate students who have the appropriate level of training, have studied at least 300 pages of professional literature, received a positive grade in all types of control, prepared a presentation (public report or speech) in English and an essay on research problems are allowed to take the exam.

Attendance at lectures and practical classes: Attendance is mandatory. Missing classes is acceptable for the following reasons: illness, participation in competitions, scientific conferences and other events organized by the university administration. In the above cases, the teacher should be warned in advance about the possible classes missing.

Making up for the missed classes: Making up for the missed classes is mandatory. The form and terms of the work are agreed with the graduate student.

Rules of conduct during classes: it is mandatory to observe safety precautions when working with a computer. The graduate student takes an active part in the discussion of educational material, getting acquainted with it in advance.

For violation of academic integrity, graduate students may be held to account under the "Code of Academic Integrity of Chernivtsi National University named after Yuri Fedkovych."

5. Recommended Literature

5.1. Basic sources

1. Бурбак О.Ф. Англійська мова для науковців : [навчальний посібник] / О.Ф. Бурбак, Т.О. Романова. – Чернівці : Книги – XXI, 2008. – 160 с.
2. Ільченко О. М. Англійська для науковців. The Language of Science : [підручник]. / О.М. Ільченко. Видання друге, доопрацьоване. – К. : Наук. думка, 2010. – 288 с.
3. Карабан В. Переклад англійської наукової і технічної літератури / В. І. Карабан. – Вінниця : Нова книга, 2001. – Ч. 1 : Граматичні труднощі. – 271 с.
4. Карабан В. Переклад англійської наукової і технічної літератури / В. І. Карабан. – Вінниця : Нова книга, 2001. – Ч. 2 : Лексичні, термінологічні та жанрово-стилістичні труднощі. – 303 с.
5. Озарко І.І. Ділова англійська мова. Job Hunting: навчальний посібник / І.І. Озарко, Т.О. Літовка. – Івано-Франківськ : ІФНТУНГ, 2012. – 132 с.
6. Основи наукового англомовного письма : [навч. посібник для студентів, аспірантів і науковців]. Вид.2-ге. – Львів. – ПАІС, 2003. – 220 с.
7. Яхонтова Т.В. Основи англомовного наукового письма. Навчальний посібник для студентів, аспірантів і науковців / Т.В. Яхонтова. – Львів : ПАІС, 2003. – 218 с.

8. English for Academics (Book 1 / Book 2). – Cambridge, Cambridge University Press. – 2014 / 2015. – 180 p.
9. Gosling P., Noordam B. Mastering Your PhD / Springer Heidelberg Dordrecht, New York. – 2011. – 252 p.
10. Murphy R. Essential Grammar in Use/Raymond Murphy. – Cambridge University Press, 2015. 319 p.
11. Hancock M. English Pronunciation in Use [Intermediate] / Mark Hancock. – Cambridge University Press : The Edinburgh Building, Cambridge CB2 8RU, UK, 2008. – 200 p.

5.2. Additional Literature:

1. Foley, Mark, Hall, Diane. Longman Advanced Learners' Grammar: A Self-Study Reference and Practice Book with Answers. – Longman, 2003. – 384 p.
2. Guide to Public Speaking / O'Hair D., Rubenstein H., Stewart R. A Pocket. – Second Edition. – Boston, New York : Bedford / St. Martin's, 2007. – 314 p.
3. Kaufman L., Stern T. The Blue Book of Grammar and Punctuation: An Easy-to-Use Guide with Clear Rules, Real-World Examples, and Reproducible Quizzes 11th Edition / Jane Straus, Lester Kaufman, Tom Stern. – New Jersey : Wiley, 2014. – 224 p.
4. Peterson K. Oxford Grammar for EAP: English grammar and practice for Academic Purposes / Ken Peterson, Paterson Roberta Wedge. – Oxford : OUP Oxford, 2013. – 288 p.
5. Sowton Ch. 50 Steps to Improving Your Grammar Study Book/ Chris Sowton. – Reading : Garnet Education, 2016. – 272 p.
6. Vicary A. English for Academic Study: Grammar for Writing Study Book/Anne Vicary. – Reading : Garnet Education, 2014. – 240 p.

6. Information Resources

Access mode:

<http://www.examenglish.com/leveltest/>
<http://www.cambridgeenglish.org/test-your-english/>
<http://www.transparent.com/learn-english/proficiency-test.html>
<http://www.ilsenglish.com/quicklinks/test-your-english-level>
http://www.englishtag.com/tests/level_test.asp
<http://www.bbc.co.uk/worldservice/learningenglish>
<http://www.teachingenglish.org.uk/>
<http://www.roadtogrammar.com/textanalysis/>
<http://elllo.org/>
<http://www.nottingham.ac.uk/alzsh3/acvocab/awlgapmaker.htm>
<http://intouea.com/>
<http://www.uefap.com/writing/writfram.htm>
www.wordle.net