



**Practical foreign language course for scientific  
communication.  
Part 2 (English)  
Curriculum (Syllabus)**

Course details	
Level of higher education	<i>Second (Master's)</i>
Field of knowledge	C - social sciences, journalism, information and international relations
Specialisation	C5 Sociology
Educational programme	Social Data Analytics
Status of discipline	Mandatory
Form of study	Full-time (day)
Year of training, Semester	2nd year (3rd semester)
Scope of the discipline	2 credits (ECTS). Total scope of the discipline 60 hours: practical classes – 30 hours, independent work – 30 hours.
Semester assessment/ assessment measures	test (3rd semester), modular control work
Class schedule	2 classes per week according to the schedule <a href="http://rozklad.kpi.ua/">http://rozklad.kpi.ua/</a>
Language of instruction	English
Information about the course leader/teachers	Department lecturers: KAMGS No. 3 - <a href="http://kamgs3.kpi.ua/">http://kamgs3.kpi.ua/</a> Responsible: Prof. Iryna Simkova Email <a href="mailto:simkova.iryna@iit.kpi.ua">simkova.iryna@iit.kpi.ua</a>
Course location	The course is hosted on the Sikorsky platform and in the system Electronic Campus

### Curriculum

#### 1. Description of the academic discipline, its purpose, subject matter and learning outcomes

The discipline "Practical Course in Foreign Language for Scientific Communication (English)" is included in the basic training disciplines for master's students and provides for the acquisition of language knowledge and speech skills at the level necessary for effective communication in a scientific environment. The programme of the discipline is developed in accordance with a comprehensive approach to the subject system of education and provides for the integration of social, natural, technical and other knowledge and its comprehensive application in scientific research.

The aim of the course is to develop students' professionally-oriented foreign language skills in listening, speaking, reading, writing and translation at an advanced level (B2+), the development of professionally-oriented linguistic and sociocultural competence, educational-strategic and pragmatic competences.

In particular, after completing the course, students will be able to demonstrate **the following learning outcomes**: understand the main ideas and recognise relevant information during discussions, debates, reports, conversations and lectures related to their studies and specialisation;

- clearly express and argue their own views and opinions on current topics in an academic environment (at seminars, conferences, meetings);
- give prepared individual presentations on a wide range of scientific and professional topics;
- understand authentic texts related to education and specialisation from textbooks, popular and specialised journals, and Internet sources;
- write essays based on authentic technical literature in their field;
- prepare and produce scientific and technical documentation (letters, applications, reports, etc.);
- be able to translate complex sentences, determine and translate the necessary meaning of polysemous words, and know special methods of translating certain forms and constructions related to sentence restructuring;
- understand the peculiarities of the functioning of texts of various types of scientific and technical literature: technical books, monographs, articles from technical journals, technical descriptions, patents, technical reference books, catalogues;
- be able to use supporting literature, especially specialised dictionaries and reference books, when analysing foreign-language information in their field and performing translations

While studying the discipline, students acquire **general competencies**:

- the ability to communicate in the national and foreign languages, both orally and in writing
- interpersonal communication skills.

The acquired competencies form **the following program learning outcomes** in students:

- the ability to communicate freely in the national and English languages, both orally and in writing, to discuss scientific and professional issues, in particular scientific problems in the field of electronics, automation, electronic communications and a wider range of engineering issues, and to present the results of research and innovative projects.

In accordance with the requirements of the ONP, the aim of teaching the academic discipline is to develop the following abilities in students as future professionals:

- ZK 04 - Ability to work in an international context.
- FK 05 - Ability to discuss the results of sociological research and projects in Ukrainian and foreign languages.
- FK 08 - Ability to cooperate with European and Euro-Atlantic institutions.

In accordance with the requirements of the educational and scientific programme, after completing the course, students must demonstrate the following learning outcomes:

- PRN 05 - Search for, analyse and evaluate the necessary information in scientific literature, databases and other sources.
- PRN 06 - Communicate freely, both orally and in writing, in Ukrainian and one of the foreign languages when discussing professional issues, research and innovations in the field of sociology and related sciences, including in the context of cooperation with European and Euro-Atlantic institutions.
- PRN 08 - Clearly and unambiguously convey knowledge, own conclusions and arguments on issues of sociology and related fields of knowledge to specialists and non-specialists, in particular to students.

## 2. Prerequisites and post-requisites of the discipline (place in the structural-logical scheme of training under the relevant educational programme)

**Prerequisites:** foreign language proficiency level not lower than B2, which is acquired as a result of successful completion of the course "Practical Foreign Language Course for Scientific Communication. Part 1".

**Post-requirements:** achievement of a foreign language proficiency level of B2+/C1, which, according to the Common European Framework of Reference for Languages, is necessary for effective foreign language communication among scientists in an academic environment and for passing the foreign language entrance exam for postgraduate studies.

## 3. Course content

### Thematic plan of the educational component Semester 3

Topic 1. Relationships in Society
Topic 2. The Role of Family Society
Topic 3. Gender equality
Topic 4. Labour Management and Social Control
Topic 5. Emotional intelligence
Topic 6. Deviant behaviour

## 4. Teaching materials and resources

### Basic literature:

1. English for Scientists. For Students of Humanities [Electronic Online Educational Publication]: Textbook/2nd revised and expanded edition. I.O. Simkova, A.V. Medvedchuk, K.R. Tulyakova. – Electronic test data (1 file, 13.3 MB). – Kyiv: Igor Sikorsky Kyiv Polytechnic Institute, 2024. – 310 p.

### Supplementary literature:

1. Amer, T. (2011). Cambridge English for Scientists. Cambridge University Press.
2. Argent, S., & Alexander, O. (2014). Access EAP: Frameworks Course Book. Garnet Publishing.
3. Bell, D. (2014). Passport to Academic Presentations. Student's Book. Garnet publishing.
4. Hewings, M. (2013). Advanced Grammar in Use: A Self-Study Reference and Practice Book for Advanced Learners of English (3rd edition). Cambridge University Press.

### Online resources:

<https://learnenglish.britishcouncil.org/en/english-emailshttps>  
<https://learnenglish.britishcouncil.org/business-english>  
<https://www.bbc.co.uk/learningenglish/>

## Educational content

### 5. Methodology for mastering the educational component

The general methodological approach to teaching the educational component "Practical Foreign Language Course for Scientific Communication. Part 2" is defined as communicative, cognitive and professionally oriented, according to which the student – the subject of learning and future specialist – is at the centre of the educational process.

The main teaching methodology is communicative, which involves teaching a foreign language as a skill and a means of communication in a professional environment using authentic professionally oriented materials.

Practical classes are aimed at acquiring knowledge, developing and improving communication skills and abilities in a foreign-language academic environment, effectively working with authentic scientific sources, and developing

<b>N o.</b>	<b>Topic</b>	<b>Class hours</b>
<b>1st semester</b>		
1	Topic 1. Relationships in Society Introduction to the course. Practical task: completion of entrance testing.	2
2	Topic 2. The Role of Family Society Practical task: completing exercises related to the topic of the lesson.	2
3	Topic 2. The main concepts of marriage and family. Practical task: completing exercises related to the topic of the lesson.	2
4	Review of the material studied. Current testing.	2
5	Topic 3. Gender Equality: Masculinity and Femininity Practical task: completing exercises related to the topic of the lesson.	2
6	Topic 3. Gender stereotypes. Practical task: revision of the material studied.	2
7	Topic 4. Labour Management and Social Control Practical task: completing exercises related to the topic of the lesson	2
8	Topic 4. Social Control	2
9	Topic 5. Emotional intelligence	2
10	Topic 6. Deviant behaviour	2
11	Poster Presentation Preparation.	2
12	Poster Presentation	2
13	Giving opinions in presentations	2
14	Review of the material studied. Preparation for the modular control work work.	2
15	Modular control work	2
	<b>TOTAL</b>	<b>30</b>

## **6. Independent work**

Independent work is the main means of assimilating educational material outside of class time and includes: preparation for practical classes, studying additional material, preparation for modular control work and tests, and completion of individual assignments. Individual assignments are one of the forms of independent learning, which aims to deepen, generalise and consolidate the knowledge, skills and abilities that students acquire in the process of formal learning. Typical individual assignments may include: completing tasks on the Sikorsky platform, competitive creative works, interactive posters and presentations, virtual trips, writing essays, completing exercises of varying degrees of difficulty on an individual basis, etc.

## Distribution of hours between classroom and independent work

Names of content modules	Number of hours		
	Total	Including	
		Practical	SRC
<b>3rd semester</b>			
Practical classes	48	28	20
Modular control work	6	2	4
Credit	6	-	6
<b>Total (3rd semester)</b>	<b>60</b>	<b>30</b>	<b>30</b>

### Policy and control

#### 7. Policy of the educational component

The educational component "Practical Foreign Language Course for Scientific Communication. Part 2" is exclusively practical in nature, therefore, for successful learning, it is necessary to study the materials for preparation for practical classes on the topics, work with basic and additional literature.

All necessary teaching materials are posted by the teacher on the Sikosky online environment, which is accessible to students studying this educational component.

Students receive up-to-date information on the organisation of the educational process for the discipline through messages on the Electronic Campus or through the official channel of the department in the Telegram messenger. During blended or distance learning practical classes are held in the format of video conferences on the Zoom/Google Meet/Microsoft Teams/Blue Button/Discord platform.

Assessment is carried out according to an agreed rating system. Expected learning outcomes, control measures and deadlines are announced to students at the first class.

Bonus points may be awarded for participation in scientific and practical conferences, competitions, and in the case of recognition of learning outcomes acquired through non-formal and/or informal education.

Bonus points for participation in events of various levels may constitute no more than 10% of the total rating, i.e. no more than 10 points per year.

Type of event/Level	International	All-Ukrainian	University
Scientific conference with a presentation in a foreign language language	5	4	2.5-0.5
Creative works competition with presentation in a foreign language	5	4	2.5
Foreign language Olympiad language	5	4	2.5-0.5

#### Academic integrity

Students must adhere to the Code of Honour of Igor Sikorsky Kyiv Polytechnic Institute, the principles of academic integrity and the norms of ethical behaviour: to demonstrate discipline, politeness, friendliness, honesty and responsibility.

The policy and principles of academic integrity are defined in Section 3 of the Code of

Honour of the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute".  
For more details, please visit: <https://kpi.ua/code>

### Standards of ethical behaviour

The standards of ethical conduct for students and employees are defined in Section 2 of the Code of Honour of the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute". For more information: <https://kpi.ua/code>

## 8. Types of control and rating system for assessing learning outcomes (RSO)

*Ongoing assessment.* The lecturer regularly enters the results of ongoing assessment into the "Ongoing Assessment" module of the Electronic Campus in accordance with the Regulations on ongoing, calendar and semester assessment at Igor Sikorsky Kyiv Polytechnic Institute. For more details, please visit: [https://document.kpi.ua/2020\\_7-137](https://document.kpi.ua/2020_7-137). Students can view the results of current assessment in their personal account on the Electronic Campus.

During the first class, students are introduced to the rating system of assessment (RSA) for the discipline, which is based on the Regulations on the system of assessment of learning outcomes [https://document.kpi.ua/files/2020\\_1-273.pdf](https://document.kpi.ua/files/2020_1-273.pdf)

In particular, a student's rating for a discipline consists of points that can be earned for answers in practical classes during the semester and for completing the MCW. During the first class, diagnostic testing is conducted, the assessment of which is not included in the student rating.

In accordance with the Regulations on current, calendar and semester control of learning outcomes at Igor Sikorsky KPI (<https://osvita.kpi.ua/node/32>) and the Regulations on conducting semester control in a distance mode

(<https://osvita.kpi.ua/node/368> calendar control - attestation - is conducted in the 8th and 14th weeks of each semester of study and is implemented by determining the level of compliance of the student's current performance rating with the criteria specified in the RSO.

N o.	Type of event	%	Weighting	Number of points	Total
1.	Work in practical classes	80%	5	16	80
2	Presentation on the topic of scientific research	10%	10	1	10
3	Modular control work	10	10	1	10
<b>Total</b>					<b>10</b>

### Criteria for assessing mastery of the educational component

The maximum weight score for work in a practical class is 5 points.

Assessment	Weight score	Assessment criteria
<b>Excellent</b>	5	Excellent work in practical classes, complete and correct completion of educational tasks taking into account the material studied on the topic of the class (95%-100% of the volume of tasks and the number of correct answers); minor errors present

<b>Very good</b>	4	active work in practical classes, complete and correct performance of educational tasks taking into account the material studied on the topic of the class (at least 85%-94% of the volume of tasks); minor errors present
<b>Good</b>	4	work in practical classes, partial completion of educational tasks taking into account the material studied on the topic of the class (75%-84% of the volume of tasks and the number of correct answers); errors or answers with minor inaccuracies
<b>Satisfactory</b>	3.5	Satisfactory work in practical classes, partial completion of educational tasks taking into account the material studied on the topic of the class (65%-74% of the volume of tasks and the number of correct answers); errors or answers with inaccuracies; if the applicant is not prepared for the practical class but is actively working on using the material of the practical class, the work will be assessed according to this criterion
<b>Sufficient</b>	3	work in practical classes, completion of educational tasks taking into account the material studied on the topic of the class (60-64% of the volume of tasks and the number of correct answers); gross errors or answers with inaccuracies; if the applicant is not prepared for the practical class but is actively working on using the material of the practical class, the work will be assessed according to this criterion.
<b>Unsatisfactory</b> <b>o</b>	0-2	the applicant is not prepared for the practical class; does not work during the practical session

### **Assessment performance with Presentation on topic of research**

is based on the following criteria:

#### **1. Content and structure of the presentation (2 points):**

- Relevance to the topic: adherence to the main topic and task of the presentation.
- Structure of the text and presentation: presence of an introduction, main part, conclusion and list of sources used, as well as whether their functions have been fulfilled.
- Logical organisation: presence of a clear and consistent logical distribution of ideas and arguments in the presentation.
- Reasonableness of arguments: assessment of the presence of arguments, examples, and evidence that support the ideas of the presentation.

#### **2. Language competence (3 points):**

- Grammatical accuracy: assessment of the presence of grammatical errors in the text.
- Lexical choice: assessment of the use of words and expressions of general and academic usage.
- Text integrity and coherence: assessment of the appropriateness of the chosen writing style, use of different types of sentences, connections between sentences and paragraphs.

#### **3. Public speaking skills (3 points):**

- Speech competence: assessment of grammatical correctness, lexical choice, integrity and coherence of the speech; assessment of pronunciation, intonation, logical pauses and speech tempo.
- Posture and gestures: use of appropriate posture, gestures and facial expressions by the applicant during the speech.
- Ability to use presentation tools: assessment of the quality of slides, their content, graphic design and the relationship between text and graphics, the applicant's ability

to present information on slides.

4. Answers to questions (2 points):

- Speech competence: assessment of grammatical correctness, lexical choice, integrity and coherence of the answer; assessment of pronunciation, intonation, logical pauses and speech tempo.
- Depth and clarity of answers: assessment of the applicant's ability to answer questions with sufficient depth and understanding of the topic, to express thoughts clearly and concisely.

*Calendar control* (CC) of students is carried out according to the current rating. The condition for satisfactory certification is that the student's current rating is not less than 50% of the maximum possible at the time of calendar control.

CC term		Weight	Number	Maximum value of the current rating	Minimum value of the current rating (50%)
3rd semester	8 weeks (first CC)	5	7	35	17.5
	14 weeks (second CC)	5	13	65	32

**The modular control work (MCW)** is conducted to check students' mastery of the module material in the penultimate class of the autumn semester. The purpose of the MCW is to check the level of language skills in listening, reading, grammar, writing, and speaking.

The MCW consists of the following tasks:

- 1) Listening comprehension (5 questions). Maximum number of points – 10, each question is worth 2 points.
- 2) Reading comprehension (10 questions). Maximum number of points – 20, each question – 2 points.
- 3) Use of language to test the student's lexical skills (10 questions). Maximum number of points – 10, each question – 1 point.
- 4) Use of language to test the student's grammar skills (20 sentences). Maximum number of points – 20, each question – 1 point.
- 5) A written task designed to test the ability to write a coherent and logically complete text in a foreign language. Maximum number of points – 10.
- 6) Speaking: conversation on suggested topics. Monologue: maximum number of points – 10. Dialogue: maximum number of points – 20.

To simplify the calculation, we introduce a coefficient of 0.1. Thus, the maximum number of points for MCW/FT: 100 points x 0.1 = 10 points.

Retaking the modular control work is not permitted.

During the penultimate class of the spring semester, the final calculation of the RD rating is carried out for students, and incentive points are added for creative work.

Students who have scored  $RD \geq 60$  have the opportunity to: points

- receive a credit grade (credit) automatically according to their rating. In this case, *RD* points and corresponding grades are entered into the credit and examination record;
- take a credit test in order to improve their grade.

If the grade for the credit test is higher than the "automatic" grade according to the rating, the student receives a grade based on the results of the credit test.

If the grade for the test is lower than the "automatic" grade based on the rating, a "strict" RSO is applied – the student's previous rating is cancelled and they receive a grade based on the results of the test.

Students who have scored less than 60 points in the educational component are required to complete the test.

**Structure of the test:**

Test task No. 1 (listening comprehension).

Maximum number of points – 10, each question – 2 points. Test tasks No. 2, No. 3 (reading).

Maximum number of points – 20, each question – 2 points. Test task No. 4 (vocabulary).

Maximum number of points – 10, each question – 1 point. Test task No. 5 (grammar knowledge).

Maximum number of points – 20, each question – 1 point.

Test task No. 6 (writing). Maximum number of points – 10. Test task No. 7 (monologue and dialogue speech).

Maximum number of points – 30. Grading

scale:

95–100 points: "excellent"

85–94 points "very good"

75–84 points "good"

65 – 74 points "satisfactory"

60–64 points "sufficient" Less than

60 points "unsatisfactory"

The conversion of rating scores from the educational component for entry into the transcript is carried out in accordance with the table:

<b>Number of points</b>	<b>Grade</b>
100-95	Excellent
94	Very good
84	Good
74-65	Satisfactory
64-60	Sufficient
Less than 60	Unsatisfactory

**9. Additional information on the discipline (educational component)**

Recognition of learning outcomes obtained in non-formal/informal education, in particular international foreign language certificates at level C1 and above (a list of recommended international tests of English as a foreign language is provided in Appendix 1 to Order No. 13 of the Ministry of Education and Science of Ukraine dated 14 January 2016, see <http://old.mon.gov.ua/files/normative/2016-03-04/5162/nmo-13.pdf>), is regulated by the relevant current "Regulations on the recognition of learning outcomes acquired in non-formal/informal education at Igor Sikorsky Kyiv Polytechnic Institute" (<https://osvita.kpi.ua/node/179>).

To validate learning outcomes, a subject committee is created by order of the dean of the faculty, which includes: the head of the department; a scientific and pedagogical worker responsible for the educational component proposed for enrolment; a scientific and pedagogical worker of the department of the technical faculty/institute, as a rule, the curator of the applicant's academic group or his/her scientific supervisor. The subject committee reviews the submitted documents, analyses their compliance with the syllabus (work programme of the academic discipline/educational component), interviews the applicant (if necessary) and makes one of the following decisions:

1. to recognise the results obtained during informal education and count them as a semester assessment for the relevant academic discipline/educational component;
2. recognise the results obtained during informal education and credit them in accordance with the rating system as a current assessment for the relevant academic discipline/educational component, with a maximum of 15 points per academic year;
3. not to recognise the results achieved during non-formal/informal education;
4. set a date for an extraordinary assessment, in accordance with the curriculum for the academic discipline/educational component, which may be credited.

*Inclusive education.* The educational component can be taught to most students with special educational needs who are unable to complete tasks using personal computers, laptops, and/or other technical means. For more information on ensuring inclusiveness in education at Igor Sikorsky KPI, please visit <https://osvita.kpi.ua/node/172>.

**Working programme of the academic discipline (syllabus):**

**Compiled by** the head of the Department of AMGS No. 3, Doctor of Pedagogical Sciences, Prof. Simkova I. O.

**Approved by** the Methodological Commission of the Faculty of Linguistics (Minutes No. 11 of 23 May 2025)

**Approved by** the Methodological Council of Igor Sikorsky KPI (Minutes No. 8 of 29 May 2025)