

Документ подписан простой электронной подписью  
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**Federal State Autonomous Educational Institution of Higher Education  
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA  
NAMED AFTER PATRICE LUMUMBA  
RUDN University**

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**Academy of Engineering**

(educational division (faculty/institute/academy) as programme developer)

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**Department of Foreign Languages**

(department realizing the PhD program)

**COURSE SYLLABUS**

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**Foreign Language**

(course title)

Scientific specialty:

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**2.5.16. Dynamics, Ballistics and Control of the Spacecraft and Aircraft Motion**

(scientific speciality code and title)

The course instruction is implemented within the PhD programmes:

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**Dynamics, Ballistics and Control of the Spacecraft and Aircraft Motion**

(PhD program title)

## 1. DISCIPLINE (MODULE) GOAL

The main purpose of the “Foreign Language” course is to prepare students for the postgraduate exam in a foreign language as well as to form foreign language communicative competence in the field of scientific research, allowing postgraduate students to conduct cross-cultural communication for the solution of academic and professional challenges. The course is also aimed at facilitating exchange with foreign counterparts and encouraging active use of a foreign language in further scientific research in the frames of cross-cultural interaction.

## 2. REQUIREMENTS TO PHD-STUDENTS ON FINISHING THE COURSE

Upon completion of the course, the postgraduate student:

- acquires presentation making skills as well as report and article writing skills in a foreign language in order to ensure their integration into the relative framework;
- receives firm knowledge of the grammatical structures of the studied language, which enables for proper comprehension, understanding, and conducting communication in the scientific field within the “academic discourse”;
- is able to plan goals, progress and results of educational and research activity, make use of the native and foreign language learning experience, harness analytical skills;
- is ready to participate in the work of Russian and international research teams on solving scientific and academic problems.

## 3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

The overall workload of the discipline is 3 credit units (108 academic hours).

Types of activities	Total ac. hrs.	Semesters	
		2	3
<i>Classroom activities (total)</i>	132	72	72
<i>including:</i>			
Lectures (LC)	-	-	-
Laboratory activities (LA)	-	-	-
Practical lessons/Seminars (PC)	132	72	60
<i>Independent work</i>	12	-	12
<i>Intermediate certification (test with assessment/exam)</i>	36	-	36
Overall workload	ac. hrs.	180	108
	credits	5	3

## 4. CONTENT OF THE DISCIPLINE

Name of the discipline section	Contents of the section (topic)	Type of study work
Section 1. Science-oriented foreign language communication in the technical field within the scientific speciality	Theme 1.1. Lexical, grammatical and stylistic features of the genres of oral and written academic language.	Seminar
	Theme 1.2. Factual information, emotional evaluation of the message, intellectual relations, logical and compositional structure of the genres of academic language.	Seminar
Section 2. Professionally oriented translation in the technical field within the scientific speciality	Theme 2.1. Assessment of equivalence and adequacy in professional translation.	Seminar
	Theme 2.2. Sharpening the ability to hold discussions and answer questions from the	Seminar

	audience. Conducting field-specific conversations / interviews.	
Section 3. Academic writing in professional scientific communication	Theme 3.1. Research article. Problem statement. Academic writing standards.	Seminar
	Theme 3.2. Resource search and literature sources compilation. The main and auxiliary sections of the article. Review.	Seminar
Section 4. Academic correspondence	Theme 4.1. International scientific cooperation. Pragmatic principles for professional information exchange.	Seminar
Section 5. Scientific conferences	Theme 5.1. Clichés in academic language. Professional terminology: general scientific, interscientific, highly specialized terms. Features of research work presentation.	Seminar
	Theme 5.2. Types of scientific conferences. Polemics. Debate.	Seminar
Section 6. PhD thesis defense presentation	Theme 6.1. PhD thesis defense presentation requirements. The essence of the problem. Relevance. Goal and tasks. The content of the work with a description of methods of scientific research.	Seminar
	Theme 6.2. Speech strategies and tactics of oral and written information delivery of the topic of scientific research.	Seminar

#### 5. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Room Type	Room Equipment	Specialized educational / laboratory equipment, software and materials for mastering the discipline
Class for Seminars	Room for seminar-type classes, equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets	Multimedia projector with a projection screen
Self-Work Class	Room for self-working (can be used for lecture and seminars activities), equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets and computers with an access to EIPES	Not necessary

#### 6. METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

##### *Main readings:*

1. Shirokova G.A. Preparing for the candidate's minimum English exam. Express course. Moscow: Flint Publishing House, 2022.
2. Belyakova E.I. English for postgraduate students: study guide. - 2nd ed., rev. and add. - Moscow: University textbook: INFA-M, 2024.-188 p.
3. Morozova M.A. English for engineering and technical specialties (B2-C1): study guide for universities. Moscow: Yurait Publishing House, 2024. - 170 p.

*Additional readings:*

1. Belyakova E.I. English for postgraduate students: a study guide. Publisher: Vuzovskiy uchebnik. Moscow. 2019. 188 p.
2. Korzin A.S., Chernova O.E. Basic transformations in the translation of technical texts: a study guide. Moscow: RUDN, 2025. - 112 p.
3. Alimov V.V. Translation theory. Translation in the field of professional communication: a study guide. Moscow: Lenand, 2024.-160 p.

*Internet sources:*

1. ELS RUDN University and third party EBS, to which university students have access based signed contracts:

- RUDN Electronic Library System, <http://lib.rudn.ru/MegaPro/Web> ;
- ELS University Library Online, <http://www.biblioclub.ru> ;
- EBS Urayt, <http://www.biblio-online.ru> ;
- ELS Student Consultant, <http://www.studentlibrary.ru> ;
- EBS Lan, <http://e.lanbook.com> ;
- EBS Trinity Bridge <http://www.trmost.ru>

## 2. Databases\*:

- Scopus — scientometrical, abstract database with open access to publications <http://www.elsevier.com/locate/scopus>;

- Web of Science — scientometrical, abstract database with open access to publications [webofscience.com](http://www.webofscience.com);

- Google Scholar - <https://scholar.google.ru/>;

- RSCI on the eLibrary.ru platform - <https://elibrary.ru/>;

- RUDN Repository <https://repository.rudn.ru/>.

\* Information about common and professional databases on the RUDN Electronic Library website <https://lib.rudn.ru/8>

## 3. Search Systems:

- “Kodeks” electronic legal and regulatory technical document collection <http://docs.cntd.ru/>;

- Yandex search engine <https://www.yandex.ru/>;

- Google search engine <https://www.google.ru/>.

*Educational and methodological materials for students' self-work studying the discipline / module\*:*

\* All educational and methodological materials for students' self-work studying are to be posted in accordance with relevant procedure on the course page in the RUDN LMS TUIS!.

## **7. ASSESSMENT TOOLKIT AND GRADING SYSTEM FOR MIDTERM ATTESTATION OF STUDENTS IN THE DISCIPLINE (MODULE)**

Assessment toolkit and a grading system to evaluate the level of competences (competences in part) formation as the course results are specified on the TUIS platform.

**DEVELOPERS:**

Senior Lecturer of the Department of Foreign Languages

V.A. Chauzova

**HEAD OF THE DEPARTMENT**

Head of the Department of Foreign Languages

S.V. Dmitrichenkova