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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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### **Agrarian and Technological Institute**

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

## **COURSE SYLLABUS**

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Foreign Language in Professional Practice

course title

**Recommended by the Didactic Council for the Education Field of:**

35.03.09 Landscape architecture

Management and design of urban green infrastructure

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field of studies / speciality code and title

**The course instruction is implemented within the professional education programme of higher education:**

Landscape architecture

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higher education programme profile/specialisation title

## 1. COURSE GOAL(s)

The goal of discipline «Foreign language in Professional Practice» is a comprehensive study of urban and natural systems with sequential analysis of tools of Landscape Design influencing improvement and sustainability of the urban environment.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

The development of the discipline "Foreign language (Russian language)" is aimed at the formation of the following competencies among students:

*Table 2.1. List of competencies formed by students during the development of the discipline (results of the development of the discipline)*

Competence code	Competence descriptor	Competence formation indicators (within this course)
GC-4	Student is able to apply modern communication technologies in the state language of the Russian Federation and foreign language(s) for academic and professional interaction.	GC-4.1 Student is able to prepare all the necessary documentation for the project in Russian and a foreign language; GC-4.2 Student is able to communicate on the project in Russian and a foreign language.

## 3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The discipline "Foreign language (Russian language)" refers to the core component of (B1) block B1 of the higher educational programme curriculum.

Within the framework of the educational program, students also master other disciplines and/or practices that contribute to achieving the planned results of mastering the discipline «Foreign language (Russian language)».

*Table 3.1. The list of the components of the educational program that contribute to the achievement of the planned results of the development of the discipline*

Competence code	Competence descriptor	Previous courses/modules, Courses*	Subsequent courses/modules, Courses*
GC-4	Student is able to apply modern communication technologies in the state language of the Russian Federation and foreign language(s) for academic and professional interaction	-	-

## 4. COURSE WORKLOAD

The total workload of the course is 6 credits (216 academic hours).

## 5. COURSE CONTENTS

*Table 5.1. The content of the discipline (module) by type of academic work*

<b>Modules</b>	<b>Contents (topics, types of practical activities)</b>	<b>Workload, academic hours</b>
Landscape design in urban environment	– Specifics of landscape design in urban environment and ecological sustainability. Technical literature on the topic.	10
Pre-project analysis	– Pre-project analysis: environmental and anthropogenic factors.	12
Functional zones in urban areas	– Functional zoning plan. Planning roads and paths network. Technical literature on the topic.	12
Architectural forms in urban landscape planning	– Planning of small architectural forms and water bodies.	12
Composition	– Composition plan. Planning viewpoints. Technical literature on the topic	12
Ornamental plants for urban landscaping I (trees and shrubs)	– Selecting trees and shrubs for urban landscaping. Plantation plan.	12
Ornamental plants for urban landscaping II (green infrastructure)	– Implementing green infrastructure in urban landscaping. Dendroplan.	12
Financial planning	– Estimating landscape projects. Making an estimate. Technical literature on the topic.	12
Independent work of students.		78
Control (exam/test with assessment).		44
<b>TOTAL:</b>		<b>216</b>

## 6. COURSE EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

The infrastructure and technical support necessary for the course implementation include: individual consultations, routine monitoring and interim certification, equipped with a set of specialized furniture and equipment. (rooms 203, 418). Specialized educational/laboratory equipment includes Draper Diplomat 213x213 83” tripod screen, a workstation based on a complete system unit and a monitor for working with graphical applications. Model AG\_PC Axiom Group/Intel Core I3 Processor 8 Cooperative memory Crucial by Micron DDR4 8SV\*2; Motherboard PRIME B360-PLUS; MoHHTop Samsung 23.5, Software ArchiCAD 15, AutoCAD12, SketchUp, QGIS 2.10 (Quantum GIS).

## 7. RESOURCES RECOMMENDED FOR COURSE

### Basic literature:

Printed publications:

- 1). Architectural bionics (Y.S.Lebedev). – M.: Stroyizdat, 1990 (in Russian)
- 2). Kurbatova A.S. and others Ecology of the city. – M.: Scientific World, 2004. – Pp.624. (in Russian)
- 3). Lunsberg G.E. The climate of the city / Translated from English by A.Fertman.- Leningrad:Gidrometeozdat, 1983 (in Russian)
- 4). Nefedov V.A. Landscape and sustainability of the environment. – Saint-Petersburg.:Poligrafist, 2002. – Pp.295. (in Russian)
- 5). Tetior A.N. Environmental infrastructure and human environment. – M.: Publishing HouseRAFIA, 2002. – Pp.421.
- 6). Tetior A.N. Sustainable urban development. – M.: Committee on Telecommunications and Mass Media of the Government of Moscow, 1999. – Part 1,- Pp.173.
- 7). Titova N.P. Roof gardens. – M.: OLMA-PRESS Grand, 2002. – Pp.112. (in Russian)

### Additional literature:

Electronic and printed full-text materials:

- 1). Nefedov V.A. Landscape and sustainability of the environment. – Saint-Petersburg.: Poligrafist,2002. – Pp.295. (in Russian)
- 2). Nefedov V.A. Urban Landscape Design / Nefedov V.A.:. – Saint-Petersburg.: "Liubavich",2012. – Pp.320. (in Russian)
- 3). Lapin, Y.N. Ecological housing - key to the future. – M.: 1998. – Pp.160;
- 4). Tetior, A.N. Ecocity: Problems and Solutions / Scientific-methodical literature for engineers, scientists, graduate students to architecture and construction, workers prefectures. – M., 2005. –Pp.308.;
- 5) Moscow interactive system of environmental monitoring [www.mosecom.ru](http://www.mosecom.ru)

### Educational and methodological materials for independent work of students during the development of the discipline/ module\*:

1. Workbook on the discipline «Foreign language (Russian language)».
2. Methodological guidelines for students on the development of the discipline «Foreign language (Russian language)»

\* - all teaching materials for independent work of students are placed in accordance with the current procedure on the discipline page in the **TUIS!**

## 8. ASSESSMENT TOOLKIT AND GRADING SYSTEM\* FOR EVALUATION OF STUDENTS' COMPETENCES LEVEL AS COURSE RESULTS

The assessment toolkit and the grading system\* to evaluate the level of competences (competences in part) formation as the course results are specified in the Appendix to the course syllabus.

\* The assessment toolkit and the grading system are formed based on the requirements of the relevant local normative act of RUDN University (regulations / order).

## DEVELOPERS:

Associate Professor,  
department of landscape  
planning and sustainable  
ecosystems

**V. I. Vasenev**

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position, educational department

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signature

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name and surname.

## HEAD OF EDUCATIONAL DEPARTMENT:

Director, department of  
landscape planning and  
sustainable ecosystems

**E. A. Dovletyarova**

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educational department

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signature

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name and surname.

## HEAD OF HIGHER EDUCATION PROGRAMME:

Associate Professor,  
department of landscape  
planning and sustainable  
ecosystems

**V. I. Vasenev**

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position, educational department

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signature

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name and surname