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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA named after Patrice Lumumba
RUDN University**

Faculty of Science

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

COURSE SYLLABUS

Psychology of management

course title

Recommended by the Didactic Council for the Education Field of:

04.04.01 «Chemistry»

field of studies / speciality code and title

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

«Bioenergies and Biorefineries»

higher education programme profile/specialisation title

2025

1. COURSE GOAL

The goal of the course “Psychology of management” is to form knowledge about the fundamental concepts of management psychology for the practical application of the most important aspects of management in the process of professional interaction. The basic principles of management psychology, personality in managerial interactions, personal behavior management, modern concepts of value management, psychology of group phenomena management, motivation, effective reflection. The concept of conflictology.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course “Psychology of management” is aimed at the development of the following competences:

Table 2.1. List of competences that students acquire through the course study

Competence code	Competence descriptor	Competence formation indicators (within this course)
GC-1	Ability to carry out critical analysis of problem tasks applying a systematic approach, to develop an action strategy.	GC-1.1. Ability to analyze the problem task as a system, identifying its components and relationships between them.
		GC-1.2. Ability to identify lack in information needed to solve a problem task and to design processes to address them;
		GC-1.3. Ability to critically evaluate the reliability of information sources, to work with conflicting information from different sources
		GC-1.4 Ability to develop and substantively argue a strategy for solving a problem situation based on a systematic and interdisciplinary approach
		GC-1.5 Ability to use logical and methodological tools for a critical assessment of modern concepts of a philosophical and social nature in its subject area
GC-3	Ability to organize and manage the work of the team, developing a team strategy to achieve the goal.	GC-3.1. Ability to develop a strategy of cooperation and on its basis organize the selection of team members to achieve the goal;
		GC-3.2. Ability to plan and correct the work of the team taking into account the interests, behavioral characteristics and opinions of its members;
		GC-3.3. Ability to resolve conflicts and contradictions in business communication taking into account the interests of all parties;
		GC-3.4. Ability to organize discussions on a given topic and discussion of the results of the team's work with the involvement of opponents of the developed ideas;
		GC-3.5. Ability to plan teamwork, distribute assignments and delegate authority to team members

Competence code	Competence descriptor	Competence formation indicators (within this course)
GC-5	Ability to analyze and perceive the diversity of cultures in the process of intercultural interaction.	GC-5.1. Ability to analyze the most important ideological and value systems formed in the course of historical development; substantiates the relevance of their use in social and professional interaction;
		GC-5.2. Ability to build social and professional interaction, taking into account the characteristics of the main forms of scientific and religious consciousness, business and general culture of representatives of other ethnic groups and confessions, various social groups;
		GC-5.3. Ability to ensure the creation of a non-discriminatory environment for interaction when performing professional tasks
GC-6	Ability to identify and implement the priorities of their own activities and self-development based on self-assessment.	GC-6.1. Ability to evaluate their resources and their limits (personal, situational, temporary), optimally use them for the successful completion of the assigned task;
		GC-6.2. Ability to determine the priorities of professional growth and ways to improve their own activities based on self-assessment according to the selected criteria;
		GC-6.3. Ability to build a flexible professional trajectory using the tools of continuing education, taking into account the accumulated experience of professional activity and dynamically changing requirements of the labor market
PC-3	Ability to carry out pedagogical activity.	PC-3.2. Ability to organize and manage project activities of students;
		PC-3.3. Ability to apply the norms of professional ethics in its activities, to ensure the confidentiality of information about the subjects of educational relations obtained in the process of professional activities.

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course “Psychology of management” refers to the **core** component of B1 block of the higher educational programme curriculum.

Within the higher education programme students also master other (modules) and / or internships that contribute to the achievement of the expected learning outcomes as results of the course study.

Table 3.1. The list of the higher education programme components/disciplines that contribute to the achievement of the expected learning outcomes as the course study results

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
GC-1	Ability to carry out critical analysis of problem tasks applying a systematic approach, to develop an action strategy.		Actual problems of modern chemistry History and philosophy of science Student Scientific- Research work Pre-graduation practical training
GC-3	Ability to organize and manage the work of the team, developing a team strategy to achieve the goal		Foreign Language in Professional Activities Russian Language in Professional Activities Experimental lab 1: Flow + alternative technologies Experimental lab 2: Biorefineries and Bioproducts Student Scientific- Research work Pre-graduation practical training
GC-5	Ability to analyze and perceive the diversity of cultures in the process of intercultural interaction.		History and philosophy of science Foreign Language in Professional Activities Russian Language in Professional Activities Student Scientific- Research work Pre-graduation practical training
GC-6	Ability to identify and implement the priorities of their own activities and self-development based on self-assessment.		Actual problems of modern chemistry History and philosophy of science Student Scientific- Research work Teaching practical training Pre-graduation practical training
PC-3	Ability to carry out pedagogical activity.		Teaching practical training

* To be filled in according to the competence matrix of the higher education programme.

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

1)The total workload of the course “Psychology of management” is 2 credits (72 academic hours).

*Table 4.1. Types of academic activities during the periods of higher education programme mastering (**full-time training**)**

Type of academic activities		Total academic hours	Semesters/training modules			
			1	2	3	4
<i>Contact academic hours</i>		34	18	16		
including:						
Lectures (LC)		17	9	8		
Lab work (LW)						
Seminars (workshops/tutorials) (S)		17	9	8		
<i>Self-studies</i>		29	18	20		
<i>Evaluation and assessment (exam/passing/failing grade)</i>		9				
Course workload	academic hours	72	36	36		
	credits	2	1	1		

5. COURSE MODULES AND CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types
Module 1. Theories of management and personality.	Topic 1.1. Theoretical foundations of management psychology. Development of management science	LC, S
	Topic 1.2. The concept of management psychology Levels of psychological and managerial issues	LC, S
	Topic 1.3. Leadership and leadership as social phenomena. The main functions of management activities.	LC, S
	Topic 1.4. Management and leadership styles.	LC, S
	Topic 1.5. The personality of a subordinate as an object of management	LC, S
	Topic 1.6. Socialization of personality as a social phenomenon	LC, S
	Topic 1.7. Characteristics of the process of adaptation of the subordinate to the conditions of the organization	LC, S
Module 2. Communication in management psychology and occupational health	Topic 2.1. The system of regulation of personal behavior and activity.	LC, S
	Topic 2.2. Communication as a social phenomenon. Features of managerial communication	LC, S
	Topic 2.3. Problems of interpersonal perception in managerial communication	LC, S
	Topic 2.4 Communication between the head and	LC, S

Course module title	Course module contents (topics)	Academic activities types
	subordinates as information exchange, interaction and impact	
	Topic 2.5 Psychology of managerial work of the head	LC, S
	Topic 2.6 Psychology of managing group phenomena and processes in the activities of a manager	LC, S
	Topic 2.7 Psychology of conflict management in the activities of the head.	LC, S
	Topic 2.8 The health of the head. Prevention and overcoming of stress and life crises	LC, S

* - to be filled in only for **full**-time training: *LC* - lectures; *LW* - lab work; *S* - seminars.

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Table 6.1. Classroom equipment and technology support requirements

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Lecture	A lecture hall for lecture-type classes, equipped with a set of specialised furniture; board (screen) and a set of devices for multimedia presentations.	Projector, motorized screen for projectors, wi-fi
Seminar	A classroom for conducting seminars, group and individual consultations, current and mid-term assessment; equipped with a set of specialised furniture and technical means for multimedia presentations.	<ul style="list-style-type: none"> - portable multimedia projector Epson EB-X04 - portable laptop Irbis NB25 - - portable TV Tosiba LSDTV/DVD Combo 22DV703R - tables, chairs, blackboard.
Self-studies	A classroom for self-studies (can be used for seminars and consultations), equipped with a set of specialised furniture and computers with access to the electronic information and educational environment.	Faculty of Science Reading Room Ordzhonikidze D.3. Coworking area Monday - Friday 10.00 – 22.00 Reading room of the main building of the RUDN Coworking area Monday - Saturday 9.00 - 23.00 Hall No. 2

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
		Monday - Thursday 10.00 - 17.45 Friday 10.00 - 16.45 Hall No. 6 Monday - Thursday 10.00 - 17.45 Friday 10.00 - 16.45

* The premises for students' self-studies are subject to **MANDATORY** mention

7. RECOMMENDED RESOURCES FOR COURSE STUDY

Main literature:

1. Королев Л.М. Психология управления. 5-е изд. - М.Дашков и К., 2016. - 188 с.
2. Гилбрет Л.М. Психология управления. Палала Пресс, 2015 – 360 с.
3. Воскобойников Ф. Психология эффективного управления. Стратегии построения отношений, электронные книги Тейлора и Фрэнсиса, 2016 г. – 174 стр.

Additional literature:

1. Shane Linder. Project Management & Business Psychology: A Guide to Construction Management, 2020.
2. James P Armatas. Management Practices of Successful CEOs: Memoir of a Psychological Consultant to Management, 2020.

Internet sources

1. ЭБС Библиотека КазНУ им. аль-Фараби <https://elibrary.kaznu.kz/ru/>
 2. Electronic libraries with access for RUDN students:
 - RUDN Electronic Library System (RUDN ELS) <http://lib.rudn.ru/MegaPro/Web>
 - EL "University Library Online" <http://www.biblioclub.ru>
 - EL "Yurayt" <http://www.biblio-online.ru>
 - EL "Student Consultant" www.studentlibrary.ru
 - EL "Lan" <http://e.lanbook.com/>
 - EL "Trinity Bridge"
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- Databases and search engines:
- electronic foundation of legal and normative-technical documentation <http://docs.cntd.ru/>
 - Yandex search engine [https:// www.yandex.ru/](https://www.yandex.ru/)
 - Google search engine <https://www.google.ru/>
 - Scopus abstract database <http://www.elsevierscience.ru/products/scopus/>

DEVELOPERS:

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