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ФИО: Ястребов Олег Александрович
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**Federal State Autonomous Educational Institution of Higher Education "Peoples'
Friendship University of Russia"
Agrarian-Technological Institute**

(name of the main training unit (PMO) - the developer of the EP HE)

INTERNSHIP PROGRAM

Pre-diploma practice

(name of practice)

pre-diploma

(type of practice: educational, industrial)

Recommended by ISSS for the direction of training/specialty:

35.04.04 "Agronomy"

(code and name of the direction of training/specialty)

Practical training of students is carried out within the framework of the implementation of the main professional educational program of higher education (OP HE):

Integrated Plant Protection

(name (profile/specialization) op vo)

1. PURPOSE OF THE INTERNSHIP

The purpose of the pre-diploma practice is to collect, summarize and analyze the materials necessary for the preparation of the final qualification work.

REQUIREMENTS FOR THE RESULTS OF TRAINING BASED ON THE RESULTS OF THE INTERNSHIP

Conducting pre-diploma practice is aimed at the formation of the following competencies (part of competencies) among students:

Table 1 – List of competencies formed in students during the internship (learning outcomes based on the results of practice)

Cipher	Competence	Competency Achievement Indicators
UK-1	Able to search, critical analysis and synthesis of information, apply a systematic approach to solve problems	UK-1.1 Performs the search for the necessary information, its critical analysis and summarizes the results of the analysis to solve the task
		UK-1.2 Uses a systematic approach to solve the tasks
		UK-1.3 Develops a strategy for achieving the set goal as a sequence of steps, anticipating the result of each of them and assessing their impact on the external environment of the planned activity and on the relationships of the participants in this activity
UK-2	Able to manage the project at all stages of its life cycle	UK-2.1 Develops the concept of the project within the framework of the designated problem, formulating the goal, objectives, relevance, significance (scientific, practical, methodological and other depending on the type of project), expected results and possible areas of their application
		UK-2.2 Forms a schedule for the implementation of the project as a whole and a plan for monitoring its implementation, organizes and coordinates the work of project participants
		UK-2.3 Offers possible ways (algorithms) of implementation of the project results into practice (or implements it)
UK-4	Able to implement modern technologies and justify their use in professional activities	UK-4.2 Presents the results of academic and professional activities at various scientific events, including international
		UK-4.3 Demonstrates the integrative skills needed to participate effectively in academic and professional discussions
OPK-4	Able to conduct research, analyze results and prepare reporting documents	OPK-4.3 Formulates the results obtained in the course of solving research problems
PK-1	Able to collect, process, analyze and systematize scientific and	PC-1.1 Performs critical analysis of the information received

	technical information, domestic and foreign experience in the field of agronomy	PP-1.2 Conducts information retrieval of knowledge-intensive technologies in biotechnology and genetic engineering using various databases and network resources
PK-5	Able to prepare scientific and technical reports, reviews and scientific publications based on the results of the research performed	PP-5.2 Uses methods of mathematical statistics in data processing and report preparation PC-5.3 Able to correctly arrange the results of research in articles, textbooks and monographs

2. PLACE OF PRACTICE IN THE STRUCTURE OF EP HE

A professional practitioner belongs to the mandatory part/part formed by the participants of educational relations. (select and leave the desired one)

Within the framework of the EP HE, students also master disciplines and / or other practices that contribute to the achievement of the planned learning outcomes based on the results of the pre-diploma practice.

Table 2 – List of components of the EP HE that contribute to the achievement of the planned learning outcomes based on the results of the internship

Cipher	Name of competence	Previous disciplines/modules, practices	Subsequent disciplines/modules, practices
UK-1	Able to search, critical analysis and synthesis of information, apply a systematic approach to solve problems		
UK-2	Able to manage the project at all stages of its life cycle		
UK-4	Able to implement modern technologies and justify their use in professional activities		
OPK-4	Able to conduct research, analyze results and prepare reporting documents		
PK-1	Able to collect, process, analyze and systematize scientific and technical information, domestic and foreign experience in the field of agronomy		
PK-5	Able to prepare scientific and technical reports, reviews and scientific publications based on the results of the research performed		

3. SCOPE OF PRACTICE

The total labor intensity of pre-diploma practice is 6 creditx units (216 academic hours).

4. CONTENTS

Name of the practice section	Contents of the section (topics, types of practical activities)	Laboriousness, ak. h.
Section 1. Main stage	Analysis of literary sources, results of economic activity of the enterprise	60
	Processing and analysis of the received data	60
	Registration of the final qualification work	60

Section 2. Final Stage	Drawing up conclusions and conclusions - preliminary protection of the WRC	36
General labor intensity of the practice:		216

5. LOGISTICAL SUPPORT FOR THE PRACTICE

1. Classrooms equipped with multimedia projectors.
2. Computer classes of ATI, the information library center of RUDN University with access to the electronic library system of RUDN University, the Internet.
3. Educational and scientific laboratories equipped with instruments for practical exercises

6. WAYS TO PRACTICE

Postgraduate practice can be carried out both in the structural units of the RUDN University or in organizations of Moscow (stationary), and at bases located outside Moscow (field).

Conducting practice on the basis of an external organization (outside the RUDN University) is carried out on the basis of an appropriate contract, which specifies the terms, place and conditions of practice in the basic organization.

The terms of the internship correspond to the period specified in the calendar training schedule of the OP HE. The terms of the internship can be adjusted in coordination with the board of educational policy and the department of organizing practices and employment of students in RUDN University.

7. EDUCATIONAL, METHODOLOGICAL AND INFORMATION SUPPORT OF PRACTICE

Main literature:

1. Vavilov, P.P. Plant Growing / Vavilov, P.P. I. - M.: Kolos; Edition 2nd, rev. and add., 2019. - 432 c.
2. Posypanov, G.S. Plant Growing: a textbook for universities / G.S. Posypanov [i dr.]; ed. by G.S. Posypanov. - M.: Koloss, 2017. - 612 p.

Additional literature:

1. V. P. Popov. World crop production. Ed. RUDN UNIVERSITY, MOSCOW, 2007.
2. G. V. Ustimenko-Bakumovskiy. Crop production of the tropics and subtropics. Agropromizdat. M., 1989.
3. Crop production. Ed. by G. S. Posypanov. "Kolos". M., 1997.
4. G. V. Korenev et al. Plant growing with the basics of selection and seed production. Agropromizdat. M., 1990
5. V. G. Pavlyukov. Workshop on tropical crop production. Ed. UDN, M., 1988.
6. G.G. Gataulina, M.G. Obyedkov. Practicum on crop production. Ed. "Kolos", M., 2000.

Resources of the information and telecommunication network "Internet":

EBS RUDN University and third-party EBS, to which university students have access on the basis of concluded contracts:

- Electronic library system RUDN University: [site]. URL: <http://lib.rudn.ru/MegaPro/Web>
- EBS "University Library Online": [website]. URL: <http://www.biblioclub.ru/>
- Educational platform "Yurait": [website]. URL: <https://urait.ru/>
- EBS "Lan": [site]. URL: <https://e.lanbook.com/>
- Educational platform "Yurait": [website]. URL: <https://urait.ru/>

Databases and search engines:

- Electronic fund of legal and regulatory-technical information: [site]. URL: <https://docs.cntd.ru/>
- Psearch system "Yandex": [site]. URL: <https://yandex.ru/>
- P's "Google" system: [site]. URL: <https://www.google.com/>

Educational and methodical materials for internship:

And the instruction of IOT-712-21 on labor protection and fire safety in conducting educational and production (including pre-diploma and research) practices implemented at the Agrarian and Technological Institute (primary instruction).

Methodological instructions for filling out a diary by students and issuing a report on practice.

8. EVALUATION MATERIALS AND POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF FORMATION OF COMPETENCIES BASED ON THE RESULTS OF INTERNSHIP

Evaluation materials and a point-rating system for assessing the level of formation of competencies (parts of competencies) based on the results of pre-diploma practice are presented in the application to this program of practice (module).

DEVELOPERS:

Associate Professor of agrobiotechnology department

HEAD OF BUP

Director of Agrobiotechnology Department

HEAD OF EP HE

Associate
of the Agrobiotechnological Department

Professor
E. N. Pakina