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

**Institute of Medicine**

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

## **INTERNSHIP SYLLABUS**

Introductory practice

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internship title

educational

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internship type

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

**31.05.03 Dentistry**

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field of studies / speciality code and title

**The student's internship is implemented within the professional education programme of higher education:**

**Dentistry**

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higher education programme profile/specialisation title

2023-2024

## 1. INTERNSHIP GOAL(s)

The goal of the Internship is to gain an understanding of workplace dynamics, professional expectations;

refine and clarify professional and career goals through critical analysis of the internship experience or research project.

## 2. REQUIREMENTS FOR LEARNING OUTCOMES

The internship implementation is aimed at the development of the following competences in part: GPC-1.1, GPC-1.2, GPC-1.3, GPC-10.4.

*Table 2.1. List of competences that students acquire during the internship*

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-1	Ability and willingness to implement ethical and deontological principles in professional activities.	GPC-1.1. Ability and willingness to implement ethical and deontological principles in professional activities.
		GPC-1.2. Applies ethical norms and principles of behavior of a medical worker in the performance of his professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients.
		GPC-1.3. practical experience addressing typical tasks of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice.
GPC-10	Able to organize the work of junior and middle medical personnel to care for patients.	GPC-10.4. Draws up a plan and a report on his work.

## 3. INTERNSHIP IN HIGHER EDUCATION PROGRAMME STRUCTURE

The internship refers to the core/variable/elective\* component of (B2) block of the higher educational programme curriculum.

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

*Table 3.1. The list of the higher education programme components that contribute to the achievement of the expected learning outcomes as the internship results.*

<b>Competence code</b>	<b>Competence descriptor</b>	<b>Previous courses/modules, internships*</b>	<b>Subsequent courses/modules, internships*</b>
GPC-1.	Ability and willingness to implement ethical and deontological principles in professional activities.	Human anatomy (anatomy of the head of the neck). Histology. Latin. Physics Medical Informatics.	ALL dental clinical disciplines.
GPC-1.1.	Observes the basics of medical ethics and deontology; the basics of legislation in the field of health care; legal aspects of medical activity.	Chemistry Normal physiology Life safety Materials Science	
GPC-1.2.	Applies ethical norms and principles of behavior of a medical worker in the performance of his professional duties; knowledge of modern legislation in the field of healthcare in solving problems of professional activity; apply the rules and norms of interaction between a doctor and colleagues and patients.	Human anatomy (anatomy of the head of the neck). Histology. Latin. Physics Medical Informatics. Chemistry Normal physiology Life safety Materials Science	ALL dental clinical disciplines.
GPC-1.3.	practical experience addressing typical tasks of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical practice.	Human anatomy (anatomy of the head of the neck). Histology. Latin. Physics Medical Informatics. Chemistry Normal physiology Life safety Materials Science	ALL dental clinical disciplines.
GPC-10.	Able to organize the work of junior and middle	Human anatomy (anatomy of the head of the neck). Histology.	ALL dental clinical disciplines.

	medical personnel to care for patients.	Latin. Physics Medical Informatics. Chemistry Normal physiology Life safety Materials Science	
GPC-10.4.	Draws up a plan and a report on his work.	Human anatomy (anatomy of the head of the neck). Histology. Latin. Physics Medical Informatics. Chemistry Normal physiology Life safety Materials Science	ALL dental clinical disciplines.

#### 4. INTERNSHIP WORKLOAD

The total workload of the internship amounts to 3 credits (108 academic hours).

#### 5. INTERNSHIP CONTENTS

*Table 5.1. Internship contents\**

Modules	Contents (topics, types of practical activities)	Workload, academic hours
Module 1. Preparatory phase	Fire safety training	10
	Mastery of the basic principles of medical ethics and deontology	20
	Introduction to the specialty of dentistry. Specialty of dentistry.	20
	Ergonomics of dental reception. Equipment and equipment of the dental clinic	20
Module 2. Clinical phase	Disinfection and sterilization in dentistry. СанПиН 2.4.2.2821-10.	20
Preparation of the practical report		9
Test.		9
<b>TOTAL:</b>		<b>108</b>

#### 6. INTERNSHIP EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

The infrastructure and technical support necessary for the internship implementation include: laboratories/ specially equipped classrooms/ polygons/ measuring and computing complexes/ vehicles/ industrial equipment and devices/ household premises that comply with current sanitary and fire safety standards.

The SAFETY REQUIREMENTS at the enterprise, workplace (including the department of RUDN University) and during the work with certain production/laboratory equipment incorporate/ include the following providing safety briefings

## 7. INTERNSHIP LOCATION AND TIMELINE

The internship can be carried out at the structural divisions of RUDN University (at Moscow-based organisations, as well as those located outside Moscow.

The internship at an external organisation (outside RUDN University) is legally arranged on the grounds of an appropriate agreement, which specifies the terms, place and conditions for an internship implementation at the organisation.

The period of the internship, as a rule, corresponds to the period indicated in the training calendar of the higher education programme. However, the period of the internship can be rescheduled upon the agreement with the Department of Educational Policy and the Department for the Organization of Internship and Employment of RUDN students.

## 8. RESOURCES RECOMMENDED FOR INTERNSHIP

### *Main readings:*

1. Propaedeutics of dental diseases [Text]: Textbook / S.N. Razumova [and others]; Ed. S.N. Razumova, I.Yu. Lebedenko, S.Yu. Ivanova. - M. : GEOTAR-Media, 2019. - 336 p. : ill. - ISBN 978-5-9704-4932-5 : 1350.00.

### **Additional readings:**

1. Surgical dentistry [Electronic resource]: Workbook for independent work of a student in the discipline "Propaedeutics of dental diseases", specialty "Dentistry" / Comp. S.N. Razumova and others; ed. S.N. Razumova. - Electronic text data. - M.: Publishing House of RUDN University, 2019. - 92 p. : ill. - ISBN 978-5-209-08950-6.[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=481518&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=481518&idb=0)
2. Orthopedic dentistry [Electronic resource]: Workbook for independent work of a student in the discipline "Propaedeutics of dental diseases", specialty "Dentistry" / Comp. S.N. Razumova and others; ed. S.N. Razumova. - Electronic text data. - M.: Publishing House of RUDN University, 2019. - 60 p. : ill. - ISBN 978-5-209-08953-7.[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=481517&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=481517&idb=0)
3. Surgical dentistry [Electronic resource]: Workbook for independent work of a student in the discipline "Propaedeutics of dental diseases", specialty "Dentistry" / Comp. S.N. Razumova and others; ed. S.N. Razumova. - Electronic text data. -M: Publishing House of RUDN University, 2018. - 88 p. : ill. - ISBN 978-5-209-08611-6.[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=470357&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470357&idb=0)
4. Orthopedic dentistry [Electronic resource]: Workbook for independent work of a student in the discipline "Propaedeutics of dental diseases", specialty "Dentistry" / Comp. S.N. Razumova and others; ed. S.N. Razumova. - Electronic text data. - M. : Publishing House of RUDN University, 2018. - 58 p.: ill. - ISBN 978-5-209-08612-3.[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=470376&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470376&idb=0)
5. Endodontics [Electronic resource]: Workbook for independent work of a student in the discipline "Propaedeutics of dental diseases", specialty "Dentistry" / Comp. S.N. Razumova and others; ed. S.N. Razumova. - Electronic text data. - M.: Publishing House of RUDN University,

2017. - 54 p. : ill. - ISBN 978-5-209-08506-5.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=470504&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470504&idb=0)
6. Cariesology [Electronic resource]: Workbook for independent work of a student in the discipline "Propaedeutics of dental diseases", specialty "Dentistry" / Comp. S.N. Razumova and others; ed. S.N. Razumova. - Electronic text data. - M.: Publishing House of RUDN University, 2017. - 70 p. : ill. - ISBN 978-5-209-08506-5.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=470503&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470503&idb=0)
7. Bazikyan Ernest Aramovich. Dental instruments [Electronic resource]: Atlas / E.A. Bazikyan. - 3rd ed., erased. - M.: GEOTAR-Media, 2017. - 168 p. - ISBN 978-5-9704-40490.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=475826&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=475826&idb=0)
8. Bazikyan Ernest Aramovich. Endodontics [Electronic resource]: Textbook / E.A. Bazikyan, L.V. Volchkova, G.I. Lukin; Under the general editorship. prof. E.A. Bazikyan. - M. : GEOTAR-Media, 2016. - 160 p. - ISBN 978-5-9704-3557-1.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=475865&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=475865&idb=0)
9. Propaedeutic dentistry [Electronic resource]: Textbook / Bazikyan E.A. and etc; Ed. E.A. Bazikyan, O.O. Yanushevich. - 2nd ed., revised. and additional - M. : GEOTAR-Media, 2016.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=464673&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=464673&idb=0)
10. Bazikyan Ernest Aramovich. Tooth extraction operation [Electronic resource]: Study guide / E.A. Bazikyan. - M. : GEOTAR-Media, 2016. - 144 p. - ISBN 978-5-9704-3558-8.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=475654&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=475654&idb=0)
11. Local anesthesia in dentistry [Electronic resource]: Textbook for university students / E.A. Bazikyan [and others]; Ed. E. A. Bazikyan. - M. : GEOTAR-Media, 2016. - ISBN 978-5-9704-3603-5.
12. Accounting card of the student's practical work [Electronic resource] : Teaching aid / Comp. V.S. Bulgakov, S.N. Razumova, A.E. Anurova. - Electronic text data. - M. : Publishing House of RUDN University, 2015. - 12 p. : ill. - ISBN 978-5-209-05583-9.  
[http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn\\_FindDoc&id=445220&idb=0](http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=445220&idb=0)
13. SanPiN 2.1.3.2630-10 for medical institutions in 2020  
<https://yandex.ru/turbo/buildingclub.ru/s/sanpin-2-1-3-2630-10-dlya-medicinskih-uchrezh/>

These educational publications are available in the RUDN library and at the department.

### ***Internet-(based) sources»***

PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA	<a href="http://web-local.rudn.ru/web-local/kaf/rj/index.php?id=93">http://web-local.rudn.ru/web-local/kaf/rj/index.php?id=93</a>
Electronic libraries with access for RUDN students	<a href="http://lib.rudn.ru/MegaPro/Web">http://lib.rudn.ru/MegaPro/Web</a>
Telecommunication Training and Information System (TTIS)	<a href="http://esystem.pfur.ru">http://esystem.pfur.ru</a>
Online university library	<a href="http://www.biblioclub.ru">http://www.biblioclub.ru</a>
Electronic library WellcomeLibrary	<a href="https://wellcomecollection.org/">https://wellcomecollection.org/</a>
Consilium Medicum и приложения [Электронный ресурс]: База данных / Администрация сайта "Consilium Medicum". - РФ, 1999. - Электронные ресурсы для учебной и научной деятельности	<a href="http://con-med.ru/">http://con-med.ru/</a>
Electronic libraries Russian state library	<a href="http://www.rsl.ru/">http://www.rsl.ru/</a>
Electronic library for textbooks	<a href="http://studentam.net/">http://studentam.net/</a>
Scientific electronic library	<a href="http://elibrary.ru/defaultx.asp">http://elibrary.ru/defaultx.asp</a>

Bentham Sciences [Электронный ресурс]: База данных / Bentham Science Publishers. - United Arab Emirates. - Электронные ресурсы для научной деятельности  
European electronic library Europeana

<http://www.benthamscience.com>

<http://www.europeana.eu/portal/>

*The training toolkit and guidelines for a student to do an internship, keep an internship diary and write an internship report\*:*

1. Safety regulations to do the internship (safety awareness briefing).
2. Machinery and principles of operation of technological production equipment used by students during their internship; process flow charts, regulations, etc. (if necessary).
3. Guidelines for keeping an internship diary and writing an internship report.

\*The training toolkit and guidelines for the internship are placed on the internship page in the university telecommunication training and information system under the set procedure.

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

The assessment toolkit and the grading system\* to evaluate the level of competences (GPC 1.1, GPC-1.2, GPC-1.3, GPC-10.4.) formation as the internship results are specified in the Appendix to the internship syllabus.

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

### **DEVELOPERS:**

Assistant of the Department of Propedeutics  
of dental disease

position, educational department

signature

M.D. Baikulova

name and surname.

Assistant of the Department of  
Propedeutics  
of dental disease.

position, educational department

signature

Z.A. Guryeva

name and surname

### **HEAD OF EDUCATIONAL DEPARTMENT:**

Department of Propedeutics  
of dental diseases

S.N. Razumova

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educational department

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signature

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name and surname.

**HEAD OF  
HIGHER EDUCATION PROGRAMME:**

First deputy Director of Institute of Medicine

Razumova S.N.

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position, educational department

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signature

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name and surname