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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

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

INTERNSHIP SYLLABUS

Introductory practice

internship title

Educational

internship type

Recommended by the Didactic Council for the Education Field of:

31.05.03 Dentistry

field of studies / speciality code and title

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

Dentistry

higher education programme profile/specialisation title

1. INTERNSHIP GOAL(s)

The goal of the Internship "Introductory practice" is to develop students' personal qualities, as well as the formation of general professional and professional competencies in accordance with the requirements of the Federal State Educational Standard for Higher Education in the field of Dentistry in the discipline "*Introduction to the specialty*".

2. REQUIREMENTS FOR LEARNING OUTCOMES

The internship implementation is aimed at the development of the following competences (competences in part): **GPC -1 (1.1, 1.2, 1.3), GPC -6 (6.2), GPC -10 (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	The ability to implement moral and legal norms, ethical and deontological principles in professional activity	GPC-1.1. Observance of the fundamentals of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity.
		GPC -1.2. Application of ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving professional tasks; apply the rules and norms of interaction between a doctor and colleagues and patients (legal representatives).
		GPC -1.3. Practical experience in solving standard tasks of professional activity based on ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical activity.
GPC -6	The ability to prescribe, monitor the effectiveness and safety of non-medical and medical treatment in solving professional tasks	GPC -6.2 Selection of medical devices (including dental materials) for the preparation of a comprehensive treatment plan for dental diseases. Monitoring the further course of the patient's treatment.
GPC -10	The ability to organize the work of junior and secondary medical staff in patient care.	GPC -10.4. Drawing up a plan and report on your 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.

* Underline whatever applicable. The core component includes all introductory field internships, the variable component includes all advanced field internships, except for research and pre-graduate types of the internship. The elective module includes all research and pre-graduation types of the internship (if any).

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.

Competence code	Competence descriptor	Previous courses/modules, internships*	Subsequent courses/modules, internships*
GPC -1. GPC -1.1.	The ability to implement moral and legal norms, ethical and deontological principles in professional activity. Compliance with the basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity.	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
GPC -1.2.	Application of ethical standards and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving professional tasks; the application of the rules and norms of the doctor's interaction with colleagues and patients (their legal representatives).	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
GPC -1.3.	Practical experience in	Human anatomy (anatomy	ALL clinical disciplines.

	solving standard tasks of professional activity based on ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of the legal aspects of medical activity.	of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	
GPC -6	The ability to prescribe, monitor the effectiveness and safety of non-medical and medical treatment in solving professional tasks	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
GPC -6.2	Selection of medical devices (including dental materials) for the preparation of a comprehensive treatment plan for dental diseases. Monitoring the further course of the patient's treatment	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
GPC -10.	The ability to organize the work of junior and secondary medical personnel in the care of patients.	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.
GPC -10.4.	Making a plan and report on your work.	Human anatomy (anatomy of the head and neck). Histology. The Latin language. Physics. Medical informatics. Chemistry. Normal physiology. Life safety. Materials science.	ALL clinical disciplines.

4. INTERNSHIP WORKLOAD

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

5. INTERNSHIP CONTENTS

*Table 5.1. Internship contents**

Modules	Contents (topics, types of practical activities)	Workload, academic hours
Section 1. The preparatory stage	1. Fire safety instruction (L. SS.)	10
	2. Mastering the basic principles of medical ethics and deontology (L. LW. SS.)	20
	3. Introduction to dentistry. The structure of the specialty dentistry. (L. LW. SS.)	20
	4. Ergonomics of dental care. Equipment and equipment of the dental clinic. (L. LW. SS.)	20
Section 2. Clinical stage	5. Disinfection and sterilization in dentistry. SanPiN 2.4.2.2821-10. (L. LW. SS.)	20
Writing an internship report		18
Preparing for defence and defending the internship report		9
IN TOTAL:		108

* The contents of internship through modules and types of practical activities shall be FULLY reflected in the student's internship report.

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

Classroom for Academic Activity Type	Equipping the audience	Specialized educational/laboratory equipment, Software and materials for the development of the discipline.
Lecture	The lecture-type classroom (204) is equipped with a set of specialized furniture; a blackboard (screen) and multimedia presentation equipment.	A set of specialized furniture. <i>Technical support:</i> – multimedia projector, – Internet connection. <i>Software:</i> – Microsoft products (the operating system, a suite of office applications, including MSOffice/

		Office 365, Teams.)
Lab/ Seminar classroom	Classrooms are located in buildings: ATI and GUM-SOC. In the ATI building: audiences 249, 250, 251, 252 (the phantom class) и 253. In the GUM-SOC building: audiences 232-235 (the phantom class).	A set of specialized furniture. <u>Technical support:</u> Dental simulation units. DLP Optoma H114 Projector. Lenovo Think Centre M71z automated workplace. Laptop Asus X756UVIntel. Projector AcerP1285. Display Elite Screens Spectrum Electric100V. Laptop ASUS X751LDV. Monoblock Dell Optiplex 3030. PC TMO3300 i3 254. Polymerization lamps "Woodpecker". Control units with a micromotor tip. Multimedia projector Sony VPL-C6. Electric screen Projecta PSECO001 Elproelectrol 160x160 sm. MOULAGES patient's head for phantom work in the package. Dental chair with electric drive and programmable position. The doctor's units are included. Screen 17" BenQ sc.1472. The screen is on a tripod Projecta, 180x180. Control units of the dental unit for 2 tips and a spray. Blocks of tips "DART 1440". Models of the upper and

		lower jaw with an articulator. A cupboard for storing sterile instruments. Instruments used in therapeutic, orthopedic and surgical dentistry. Consumables: gypsum, wax, casts, sealing materials, etc. <u>Information stands and expositions:</u> – information stand in Russian and English; – visual aids, posters, models.
Computer classroom	Not provided	
Self-studies classroom	Classrooms in ATI building. Classrooms in GUM-SOC building, Classrooms equipped with a set of specialized furniture and computers with access to EIOS. Halls. The scientific library in the Main building of the RUDN.	

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. Electronic libraries with access for RUDN students:

- Electronic library system RUDN <http://lib.rudn.ru/MegaPro/Web>
- ELS « University Library Online » <http://www.biblioclub.ru>
- ELS Yurayt <http://www.biblio-online.ru>
- ELS «Student's Consultant » www.studentlibrary.ru
- ELS «Lan» <http://e.lanbook.com/>
- ELS « Troitsky most»

2. Databases and search engines:

- electronic fund of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- the Yandex search engine <https://www.yandex.ru/>

- the Google search engine <https://www.google.ru/>
- abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>

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.

9. 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 (1.1, 1.2, 1.3), GPC -6 (6.2), GPC -10 (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:

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