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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

COURSE SYLLABUS

FORENSIC MEDICINE

course title

Recommended by the Didactic Council for the Education Field of:

31.05.01 General Medicine

field of studies / speciality code and title

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

General Medicine

higher education programme profile/specialisation title

1. COURSE GOAL(s)

The goal of the course «Forensic medicine» is build up students' professional competencies based on knowledge of theoretical and practical issues of forensic medical examination to the extent necessary for the successful fulfillment of the duties of a specialist on the instructions of investigative authorities in the implementation of the tasks of Russian healthcare contributing to further improvement of therapeutic and prophylactic healthcare quality.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) «Forensic medicine» is aimed at the development of the following competences /competences in part: GPC-1, GPC-5, PC-4, PC-6.

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

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-1	Being able to implement moral and legal norms, ethical and deontological principals in professional activity	GC-1.1. Being able to abide by the ethical standards and legal regulations in professional activity.
GPC-5	Being able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional tasks	GC-5.3. Being able to determine morpho-functional, physiological states and pathological processes of the human body.
PC-4	Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work	PC-4.1. Being able to conduct an examination of temporary disability and work as part of a medical commission which examines temporary disability.
PC-6	Being able to keep medical records and organize the activities of the nursing staff	PC-6.5. Being able to provide internal control of quality and safety of medical activities within the scope of employment responsibilities.

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the core/variable/elective* component of (B1) block of the higher educational programme curriculum.

* - Underline whatever applicable.

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*
GPC-1	Being able to implement moral and legal norms, ethical and deontological principals in professional activity	General Surgery; Jurisprudence; Fundamentals of medical law; Psychology and pedagogy; Propaedeutics of internal diseases; History of medicine; Latin language; Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Practice of diagnostic profile: assistant ward nurse; Surgical practice: Assistant surgeon; Obstetric and gynecological practice: assistant to a gynecologist; Assistant doctor of the therapeutic profile: assistant physician; General medical practice: assistant to an outpatient clinic doctor; Obstetric and gynecological practice: assistant obstetrician; General medical practice: assistant pediatrician;	
GPC-5	Being able to assess morpho-functional, physiological conditions and pathological processes in the human body to solve professional tasks	Biochemistry; Normal physiology; General Surgery; Obstetrics and gynecology; Biology;	Phthisiology; Maxillofacial surgery; Dissection course;

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Microbiology, virology; Pathology, clinical pathology; Molecular genetic methods; Methods of microbiological diagnosis; Propaedeutics of internal diseases; Immunology; Pathological anatomy, clinical pathological anatomy; Radiation diagnostics; Medical Elementology; Ophthalmology; Methods of cell biology and histology; Chemistry; Pharmacology; Bioorganic chemistry; Anatomy; Histology, embryology, cytology; Topographic anatomy and operative surgery; Otorhinolaryngology; Pediatrics;	
PC-6	Being able to keep medical records and organize the activities of the nursing staff	Public health and healthcare, health economics; Outpatient therapy; Faculty therapy; Faculty Surgery; Obstetrics and gynecology; Urology; Infectious diseases; Biostatistics; General Surgery; Radiology; Ophthalmology; Propaedeutics of internal diseases; Hospital therapy;	Outpatient therapy; Endoscopic urology; Allergology; Hospital therapy; Hospital surgery, pediatric surgery; Telemedicine;

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Hospital surgery, pediatric surgery; Pediatrics; Bioethics**; General medical practice: assistant to an outpatient clinic doctor; Practice in obtaining primary professional skills and professional experience: assistant to a procedural nurse; Obstetric and gynecological practice: assistant to a gynecologist; Assistant doctor of the therapeutic profile: assistant physician; Obstetric and gynecological practice: assistant obstetrician; Surgical practice: Assistant surgeon; Introductory practice on obtaining primary professional skills: patient care (simulation center); Introductory practice for obtaining primary professional skills: patient care; Practice in obtaining primary professional skills: assistant to junior medical staff;	
PC-4	Being able to implement and monitor the patient's medical rehabilitation efficacy, including when implementing individual rehabilitation and habilitation programmes for persons with disabilities; assess the patient's ability to work	Surgical practice: Assistant surgeon; General medical practice: assistant to an outpatient clinic doctor; Outpatient therapy; Medical rehabilitation; Public health and healthcare, health economics; Neurology, medical genetics, neurosurgery;	Outpatient therapy; Examination of temporary disability**; Hospital therapy; Hospital surgery, pediatric surgery; Endocrinology;

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Faculty therapy; Faculty Surgery; Occupational diseases; Hospital therapy; Hospital surgery, pediatric surgery; Organization of special patient care; Traumatology, orthopedics;	

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

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course “Forensic Medicine” is 3 credits (108 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	
		11	
<i>Contact academic hours</i>	68	68	
including:			
Lectures (LC)	0	0	
Lab work (LW)	68	68	
Seminars (workshops/tutorials) (S)	0	0	
<i>Self-studies</i>	31	31	
<i>Evaluation and assessment (exam/passing/failing grade)</i>	9	9	
Course workload	academic hours	108	
	credits	3	

* To be filled in regarding the higher education programme correspondence training mode.

5. COURSE CONTENTS

Table 5.1. Course contents and academic activities types

Course module title	Course module contents (topics)	Academic activities types

<p>Procedural and organizational issues of forensic medical examination. Examination of the scene of crime, examination of a corpse on the accident scene</p>	<p>Topic 1.1. Forensic medicine, definition. Forensic medicine and forensic medical examination. Organisation of the forensic medical service in Russia Federation. Duties, rights and responsibilities of a forensic medical expert. Types of forensic expertise. Objects of forensic medical examination. Forensic medical examination at the preliminary investigation and in court. Forensic medical documentation.</p> <p>Topic 1.2. General issues of examination of a corpse on the accident scene (procedural issues, organization, stages and types of inspection of the scene). The tasks of forensic medical expert and the sequence of actions during examination of a corpse on the accident scene. Forensic medical documentation.</p> <p>Topic 1.3. The features of examination of a corpse on the accident scene in various types of death. The features of examination of an unknown corpse. The features of examination of large-scale catastrophe scenes.</p>	<p>LW</p>
<p>Forensic thanatology</p>	<p>Topic 2.1. The doctrine of death. Terminal states. The concepts of clinical and biological death. Diagnosis of death. Time of death estimation. Early cadaveric changes. Late cadaveric changes.</p> <p>Topic 2.2. Natural preservation of the corpse. Artificial preservation of the corpse. The concept of the cause of death. Competing causes of death. Types of death, manners of violent death: murder, suicide, accident.</p> <p>Topic 2.3. Time of death estimation.</p>	<p>LW</p>
<p>Forensic medical examination of mechanical damages</p>	<p>Topic 3.1. General issues of forensic traumatology. The main issues to be solved during the forensic medical examination of mechanical damages.</p> <p>Topic 3.2. Forensic medical diagnostics of the lifetime and time of the injury. Forensic medical examination of injuries caused by blunt solid objects. Falling from height.</p> <p>Topic 3.3. Transport injury. Forensic examination of injuries caused by sharp items</p> <p>Topic 3.4. Forensic medical examination of gunshot injuries.</p>	<p>LW</p>

<p>Forensic medical examination of live people. Forensic medical examination of professional offenses of healthcare specialists</p>	<p>Topic 4.1. Forensic medical examination of live persons. Qualifying signs of severe, medium and light damage to health. Ways of causing damage to health (beating, torment, torture). Expertise of assessment of general and professional ability loss. Forensic medical documentation.</p> <p>Topic 4.2. Forensic medical examination of sexual crimes, examination of former pregnancy, childbirth.</p> <p>Topic 4.3. Forensic medical examination in criminal and civil cases dealing with professional offenses of healthcare professionals. Professional crimes of healthcare specialists. Board and complex forensic medical examinations.</p>	<p>LW</p>
<p>Forensic medical examination (the autopsy).</p>	<p>Topic 5.1. The reasons for forensic medical expertise (examination) of a cadaver. Forensic medical documentation. Principles of formulating a forensic medical diagnosis and conclusions (expert opinion) based on forensic medical examination of a cadaver. The design of a death certificate (ICD). Forensic medical diagnostics of sudden death.</p>	<p>LW</p>
<p>Laboratory methods in forensic medicine. Personal identification in forensics</p>	<p>Topic 6.1. Examination of biological evidences (blood, semen, saliva, hair). Methods of identification, collecting and packaging of traces and physical evidences of biological origin.</p> <p>Topic 6.2. Methods of personal identification. Identification of the person in cases of emergency situations and mass disasters.</p>	<p>LW</p>
<p>Forensic medical examination in cases of mechanical asphyxia. Forensic medical examination of a newborn baby corpse</p>	<p>Topic 7.1. General characteristic of lifetime mechanical asphyxia. Signs of asphyxia revealed during the external and internal cadaver examination. Classification of mechanical asphyxia.</p> <p>Topic 7.2. Hanging. Strangulation with a loop. Strangulation with hands. Compression of chest and abdomen. Obturative asphyxia: closing of nostrils and mouth, closing of airways by alien bodies, powder-like substances, vomit, blood. Drowning and its types. Changes in the body caused by water and the estimation of the duration of its stay in water. Death in space of limited volume.</p> <p>Topic 7.3. Forensic examination of corpses of newborns. Features of forensic medical examination of the corpse, questions solved</p>	<p>LW</p>

	during examination (assessment of newborn, full-term, maturity, viability, establishing of live/still birth, duration of extrauterine life, cause of death). Active and passive infanticide.	
Forensic medical examination of poisonings	Topic 8.1. General toxicology: Poisons and poisonings. Condition for the action of poisons. Classification of poisons. Laboratory methods used in cases of poisoning. Forensic chemical examination and the assessment of its results. Topic 8.2. Poisoning with acids, alkalis, destructive, haemotropic and functional poisons. The poisoning with ethyl alcohol and its surrogates. Poisonings with narcotic drugs. Bacterial and non-bacterial food poisoning.	LW
Forensic medical examination of death due to the influence of physical factors	Topic 9.1. Damages due to the action of high temperature. Damages due to the action of low temperature. Damages due to the action of electricity. Topic 9.2. Radiation trauma and damages from changes in barometric pressure.	LW
Forensic medical diagnostics in cases of sudden death	Topic 10.1. The pathogenesis of sudden death. Topic 10.2. Diseases of the cardiovascular system, central nervous system, respiratory system, digestive system.	LW

* - 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)
Lab work	An auditorium for laboratory work, individual consultations, current control and interim certification, equipped with a set of specialized furniture and equipment.	A set of specialized furniture; mannequin for simulation of critical conditions; medical instruments; dummies, anatomical specimens; dry bones; microscopic slides; microscopes Микмед-1 вар. 1; Lenovo

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
		ThinkBook 15 G2 ITL 20VE00G6RU laptop; projector 3D ViewSonic PJD5234; multimedia presentations; educational copies of forensic reports, materials of criminal and civil cases.
Computer lab	A computer classroom for conducting classes, group and individual consultations, current control and interim certification, equipped with personal computers (1), a blackboard (screen) and multimedia presentation equipment.	
Seminar	Classroom for seminars, group and individual consultations, monitoring and mid-term assessment, equipped with a set of specialized furniture and multimedia presentation equipment.	A set of specialized furniture; mannequin for simulation of critical conditions; medical instruments; dummies, anatomical specimens; dry bones; microscopic slides; microscopes Микмед-1 вар. 1; Lenovo ThinkBook 15 G2 ITL 20VE00G6RU laptop; projector 3D ViewSonic PJD5234; multimedia presentations; educational copies of forensic reports, materials of criminal and civil cases.

Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
Self-studies	Classroom for self-studies (can be used for seminars and consultations), equipped with a set of specialized furniture and computers with stable wireless Internet connection.	A set of specialized furniture, ASUS VivoBook M533IA-BN289T laptop, medical instruments, mannequin for simulation of critical conditions

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

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:

1. Forensic medical examination in civil proceedings in "medical" cases : textbook / E.H. Barinov, A.R. Bashirova, R.E. Kalinin [et al.]; edited by E.H. Barinov, D.V. Sundukov. - Electronic text data. - Moscow : RUDN, 2023. - 201 p. : il. - ISBN 978-5-209-11764-3 : 162.97. 10 copies.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=515835&idb=0
2. Methods of X-ray diagnostics during the examination of living persons : textbook / E.H. Barinov, A.R. Bashirova, V.K. Dadabaev [et al.]; edited by E.H. Barinov, D.V. Sundukov. - Electronic text data. - Moscow : RUDN, 2023. - 165 p. : ill. - ISBN 978-5-209-11430-7 : 160.64. 54 copies.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=510032&idb=0
3. The validity of the conclusion of a forensic medical examination in "medical" cases: a textbook / E.H. Barinov, A.R. Bashirova, R.E. Kalinin [et al.]; edited by E.H. Barinov, D.V. Sundukov. - Moscow : RUDN, 2022. - 155 p. - ISBN 978-5-209-11019-4. 45 copies.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=507062&idb=0
4. Forensic medical examination of sudden death: an educational and methodical manual / D.V. Sundukov, A.M. Golubev, A.R. Bashirova, A.V. Smirnov. - Electronic text data. - Moscow : RUDN, 2021. - 73 p. : ill. - ISBN 978-5-209-11242-6. 68 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=505899&idb=0
5. Forensic medical examination of living persons: textbook / D.V. Sundukov, E.H. Barinov, P.O. Romodanovsky [et al.]. - Electronic text data. - Moscow : RUDN, 2021. - 121 p. : ill. ISBN 978-5-209-10211-3. 3 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=496180&idb=0
6. Forensic medical examination in cases of death from exposure to technical and atmospheric electricity : a textbook / E.H. Barinov, D.V. Sundukov, P.O. Romodanovsky [et al.]. - Electronic text data. - Moscow : RUDN, 2021. - 107 p. : ill.- ISBN 978-5-209-10455-1. 62 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=499795&idb=0
7. Criminal liability for crimes related to the violation of professional duty by medical workers : textbook / E.H. Barinov, D.V. Sundukov, P.O. Romodanovsky [et al.]. - Electronic text data. - Moscow : RUDN, 2020. - 88 p. - ISBN 978-5-209-09665-8. 5 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Link_FindDoc&id=488032&idb=0

8. Forensic medical examination in case of disputed sexual conditions and sexual crimes : an educational and methodological manual / E.H. Barinov, P.O. Romodanovsky, E.N. Cherkalina [et al.]. - Electronic text data. - Moscow: RUDN, 2020. – 67 p. : ill. - ISBN 978-5-209-10378-3. 3 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=496453&idb=0
9. Forensic medical examinations in civil proceedings: a textbook / E.H. Barinov, D.V. Sundukov, A.V. Kovalev, O.L. Romanova. - Electronic text data. - M. : RUDN, 2019. - 104 p. : ill. - ISBN 978-5-209-08875-2. 73 copies.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=476541&idb=0
10. Forensic medical examination of mechanical asphyxia: an educational and methodological guide for students, clinical residents and graduate students / D.V. Sundukov, E.H. Barinov, D.V. Bogomolov [et al.]. - Electronic text data. - Moscow : RUDN, 2019. - 82 p. : ill. - ISBN 978-5-209-09592-7.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487076&idb=0
11. Forensic medical examination of skeletal remains: an educational and methodological manual / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - M. : RUDN, 2018. - 46 p. : ill. - ISBN 978-5-209-08805-9. 71 copies.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=468678&idb=0
12. Forensic medical examination in case of carbon monoxide poisoning: an educational and methodological manual / D.V. Sundukov, E.H. Barinov, O.L. Romanova. - Electronic text data. - M. : RUDN, 2018. - 46 p. - ISBN 978-5-209-08632-1.
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=470319&idb=0
13. Forensic medical examination of poisoning : an educational and methodical manual / D.V. Sundukov, E.H. Barinov, O.L. Romanova. - Electronic text data. - M. : RUDN, 2017. - 58 p. - ISBN 978-5-209-07965-1. 10 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=460121&idb=0
14. Forensic medicine: a short course : a textbook / E.H. Barinov, P.O. Romodanovsky, D.V. Sundukov, O.L. Romanova. - Electronic text data. - M. : RUDN, 2017. - 288 p. : ill.- ISBN 978-5-209-07480-9. 60 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=464010&idb=0

Additional readings:

1. Forensic osteology : an educational and methodological manual: in 2 parts. Part 2 / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - Moscow : RUDN, 2020. - 65 p. : il. - ISBN 978-5-209-10384-4. - ISBN 978-5-209-09590-3. 42 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=495755&idb=0
2. Forensic medicine in diagrams and drawings: a textbook / P.O. Romodanovsky, E.H. Barinov. - Electronic text data. - M. : Prospect, 2019. - 576 p. : ill. – ISBN 978-5-392-29340-7. 5 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=476811&idb=0
3. Identification of a person by the peculiarities of the structure of teeth and dentition: a textbook / E.H. Barinov, A.I. Manin, P.O. Romodanovsky [et al.]. - Electronic text data. - Moscow : RUDN, 2019. - 124 p. : ill.- ISBN 978-5-209-09407-4. 3 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=481405&idb=0
4. Forensic osteology: educational and methodical manual : in 2 parts. Part 1 / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - Moscow : RUDN, 2019. - 64 p. : ill.- ISBN 978-5-209-09591-0. - ISBN 978-5-209-09590-3. 76 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=487077&idb=0

5. The history of forensic medicine in foreign countries: an educational and methodological guide / D.V. Sundukov, E.H. Barinov, A.V. Smirnov. - Electronic text data. - M. : RUDN, 2017. - 62 p.- ISBN 978-5-209-07964-4. 10 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=460189&idb=0
6. Forensic medicine: a textbook for students of medical faculties / E.H. Barinov, P.O. Romodanovsky, D.V. Sundukov. - Electronic text data. - M. : RUDN, 2015. - 467 p. - ISBN 978-5-209-05767-3. 5 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=433100&idb=0
7. Forensic medical examination of a corpse and forensic medical documentation: a textbook for students of medical universities / E.H. Barinov, D.V. Sundukov, P.O. Romodanovsky. - Electronic text data. - M. : RUDN, 2015. - 77 p. - ISBN 978-5-209-05768-0. 5 copies
https://lib.rudn.ru:443/MegaPro/UserEntry?Action=Rudn_FindDoc&id=433100&idb=0

Internet sources

1. Electronic libraries with access for RUDN students:

- Electronic library system of RUDN – ELS RUDN
<http://lib.rudn.ru/MegaPro/Web>
- ELS "University Library online" <http://www.biblioclub.ru>
- ELS «Yurayt» <http://www.biblio-online.ru>
- ELS "Student Consultant" www.studentlibrary.ru
- ELS "Lan" <http://e.lanbook.com/>
- ELS "Trinity Bridge"

2. Databases and search engines:

- Electronic fund of legal and regulatory and technical documentation
<http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- SCOPUS database <http://www.elsevierscience.ru/products/scopus/>

*Training toolkit for self- studies to master the course *:*

1. The set of lectures on the course «Forensic medicine»
2. The laboratory workshop (if any) on the course «Forensic medicine»
3. The guidelines for writing a course paper / project (if any) on the course «Forensic medicine».
4.

* The training toolkit for self- studies to master the course is placed on the course 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 UPON COURSE COMPLETION

The assessment toolkit and the grading system* to evaluate the competences formation level (GPC-1, GPC-5, PC-4, PC-6) upon the course study completion are specified in the Appendix to the course 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:

Head of the Department
of Forensic Medicine

position, department



signature

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name and surname

Teaching assistant,
Department of Forensic Medicine

position, department



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Bashirova A.R.

name and surname

HEAD OF EDUCATIONAL DEPARTMENT:

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Sundukov D.V.

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**HEAD
OF HIGHER EDUCATION PROGRAMME:**

Head of the Department of
General
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Sturov N.V

name and surname