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

COURSE SYLLABUS

Psychiatry, Medical Psychology

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course title

Recommended by the Didactic Council for the Education Field of:

31.05.01 General Medicine

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field of studies / speciality code and title

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

General Medicine

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higher education programme profile/specialisation title

2023-2024

1. COURSE GOAL(s)

The goal of the course "Psychiatry, Medical Psychology" is to equip students with the fundamental theoretical knowledge and practical skills in diagnosing, providing first aid and treating patients with mental and narcological pathologies.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course (module) "Psychiatry, Medical Psychology" is aimed at the development of the following competences /competences in part: GPC-1, GPC-4, GPC-5; SPC-1, SPC-2, SPC-3, SPC-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	Able to implement moral and legal norms, ethical and deontological principles in professional activities	GPC-1.1. Able to comply with moral and legal standards in professional activities
		GPC-1.2. Able to present professional information in the process of intercultural interaction, observing the principles of ethics and deontology
GPC-4	Able to use medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	GPC-4.1. Knows how to use medical devices in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, assistance taking into account the standards of medical care
		GPC-4.2. Able to evaluate the effectiveness and safety of the use of medical devices
		GPC-4.3. Proficient in the technique of performing typical medical manipulations using medical devices provided for in the procedures for providing medical care
	Able to assess morphofunctional, physiological conditions	GPC-5.1. Proficient in the algorithm of clinical, laboratory and functional diagnostics in solving professional problems

Competence code	Competence descriptor	Competence formation indicators (within this course)
GPC-5	and pathological processes in the human body to solve professional problems	GPC-5.2. Able to evaluate the results of clinical, laboratory and functional diagnostics in solving professional problems
Competence code	**Competence descriptor**	**Competence formation indicators** (within this course)
		GPC-5.3. Able to determine the morphofunctional, physiological states and pathological processes of the human body
		SPC-1.1. Able to assess the condition of a patient requiring emergency or emergency medical care
		SPC-1.2. Able to recognize conditions arising from sudden acute diseases, exacerbation of chronic diseases without obvious signs of a threat to the patient's life and requiring emergency medical care
		SPC-1.3. Able to provide emergency medical care to patients with sudden acute diseases, conditions, exacerbation of chronic diseases without obvious signs of a threat to the patient's life

SPC-1	Able to provide medical care to the patient in urgent or emergency forms	SPC-1.4. Able to recognize conditions that pose a threat to the patient's life, including conditions of clinical death (stopping the vital functions of the human body (blood circulation and / or respiration), requiring emergency medical care
		SPC-1.5. Able to provide emergency medical care to patients in conditions that pose a threat to the patient's life, including clinical death (stopping the vital functions of the human body (blood circulation and/or respiration)
		SPC-1.6. Able to use medicines and medical devices in the provision of medical care in emergency or urgent forms
SPC-2	Capable of examining the patient in order to establish a diagnosis	SPC-2.1. Possesses the skills of collecting complaints, anamnesis of life and disease of the patient, as well as conducting a complete physical examination of the patient (examination, palpation, percussion, auscultation)
		SPC-2.2. Able to formulate a preliminary diagnosis and draw up a plan for laboratory and instrumental examinations of the patient
		SPC-2.3. Able to refer the patient for laboratory examination if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care

		SPC-2.4. Able to refer the patient for an instrumental examination if there are medical indications in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		SPC-2.5. Able to refer the patient for a consultation with specialist doctors if there are medical indications in accordance with the current procedures for the

Competence code	Competence descriptor	Competence formation indicators (within this course)
		provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		SPC-2.6. Able to refer a patient for specialized medical care in an inpatient setting or in a day hospital if there are medical indications in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		SPC-2.7. Able to make a differential diagnosis with other diseases/conditions, including emergencies, as well as establish a diagnosis taking into account the current international statistical classification of diseases and related health problems (ICD)
SPC-3	Capable of prescribing treatment and monitoring its efficacy and safety	SPC-3.1. Able to develop a treatment plan for a disease or condition, taking into account the diagnosis, age and clinical presentation in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		SPC-3.2. Able to prescribe medicines, medical devices and medical nutrition, taking into account the diagnosis, age and clinical picture of the disease and in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		SPC-3.3. Able to prescribe non-drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care
		SPC-3.4. Able to assess the effectiveness and safety of the use of medicines, medical devices, clinical nutrition and other methods of treatment

		SPC-3.5. Able to provide palliative care in cooperation with medical specialists and other medical professionals
		SPC-3.6. Able to organize personalized treatment of the patient, including pregnant women, elderly and senile patients, evaluate the effectiveness and safety of treatment
SPC -6	Capable of maintaining medical records and	SPC-6.1. Able to draw up a work plan and report on his work, issue a passport for a medical (therapeutic) site
Competence code	**Competence descriptor**	**Competence formation indicators** (within this course)
	organizing the activities of nursing staff at the disposal	SPC-6.2. Able to analyze the indicators of morbidity, disability and mortality to characterize the health of the attached population
		SPC-6.3. Able to maintain medical records, including in electronic form
		SPC-6.4. Able to monitor the performance of duties by a district nurse and other medical workers at their disposal
		SPC-6.5. Able to provide internal quality control and safety of medical activities within the scope of official duties

3. COURSE IN HIGHER EDUCATION PROGRAMME STRUCTURE

The course refers to the <u>core</u>/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	Able to implement moral and legal norms, ethical and deontological principles in professional activities	Neurology, medical genetics, neurosurgery; medical rehabilitation; Traumatology,	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology

GPC-4	Able to use medical devices provided for by the order of medical care, as well as conduct examinations of the patient in order to establish a diagnosis	General surgery; Radiation diagnostics; Neurology, medical genetics, neurosurgery; Faculty Surgery; Obstetrics and gynecology; medical rehabilitation; Traumatology, orthopedics; Endocrinology; Anesthesiology, resuscitation	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology
GPC-5	Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems	Biology; normal physiology; Biochemistry; Microbiology, virology; Pathophysiology, clinical pathophysiology; General surgery; Dermatovenereology;	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology
SPC-1	Able to provide medical care to the patient in urgent or emergency forms	Propaedeutics of internal diseases; General surgery; Dermatovenereology; Neurology, Surgery; Urology; hospital therapy; Traumatology	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology
SPC-2	Capable of examining the patient in order to establish a diagnosis	Propaedeutics of internal diseases; General surgery; Dermatovenereology; Neurology, Surgery; Urology; hospital therapy; Traumatology	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology
SPC-3	Capable of prescribing treatment and monitoring its efficacy and safety	Propaedeutics of internal diseases; General surgery; Dermatovenereology; Neurology, Surgery; Urology; hospital therapy;	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology

		Traumatology	
SPC-6	Capable of maintaining medical records and organizing the activities of nursing staff at the disposal	Propaedeutics of internal diseases; General surgery; Dermatovenereology; Neurology, Surgery; Urology; hospital therapy; Traumatology	General pathology and pathologic physiology; Pathologic anatomy General and clinical pharmacology; Forensic medicine; Obstetrics and gynecology

4. COURSE WORKLOAD AND ACADEMIC ACTIVITIES

The total workload of the course "Psychiatry, Medical Psychology" is 5 credits (180 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	
		9	10
Contact academic hours	-	-	-
including:			
Lectures (LC)	-	-	-
Lab work (LW)	-	-	-
Seminars (workshops/tutorials) (S)	133	89	44
Self-studies	*47*	*31*	*16*
Evaluation and assessment (exam/passing/failing grade)	-	-	-

Type of academic activities		Total academic hours	Semesters/training modules	
			9	10
Course workload	academic hours	**180**	**120**	**60**
	credits	**5**	**3**	**2**

* 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
Module 1 Introduction to the discipline. General Psychiatry	01. Psychiatry: definition, branches of psychiatry, types of psychiatric care. 02. Methods of treatment of mental illness. Classification of mental illnesses.	S
	03. Disorders of sensations, violations of sensory synthesis.	
	04. Disorders of perception. Classification, clinical manifestations.	
	05. Violations of the associative process.	
	06. Violations of thinking in terms of content.	
	07. Delusions, groups of delusions.	
	08. Overvalued ideas.	
	09. Obsessions, classification.	
	10. Group of delusions of persecution.	
	11. Group of delusions of grandeur.	
	12. Group of depressive delirium.	
	13. Symptoms of emotional (affective) disorders.	
	14. Symptoms of memory disorders.	
	15. Asthenic syndrome: symptoms, stages.	
	16. Delusional syndromes: varieties. paranoid syndrome.	
	17. Hallucinatory-paranoid syndrome.	
	18. Kandinsky-Clerambault syndrome.	
	19. Delusional syndromes: varieties. paraphrenic syndrome.	
	20. Delusional syndromes: varieties. Cotard's syndrome.	
	21. Syndrome of dysmorphophobia-dysmorphomania.	
	22. Emotional (affective) syndromes: varieties.	
	23. Manic syndrome.	
	24. Depressive syndrome.	
Course module title	Course module contents (topics)	Academic activities types

	25. Depressive syndrome. Types of depression.	
	26. Varieties of emotional syndromes. apathetic syndrome.	
	27. Catatonic syndrome.	
	28. Amnestic syndrome.	
	29. Korsakov's syndrome.	
	30. Catatonic hebephrenic syndrome.	
	31. Psychoorganic syndrome.	
	32. Dementia: varieties.	
	33. Syndromes of stupefaction: varieties.	
	34. Stun. Stunning stages.	
	35. Delirium. Varieties of delirium.	
	36. Twilight clouding of consciousness: varieties.	
	37. Oneiroid. Amenia.	
	38. Depersonalization: varieties. Sensory synthesis disorders.	
	39. Disorders of drives: varieties.	
	40. Phobic syndrome. Types of obsessions	
Module 3 Treatment of mental disorders	01. Methods of treatment of mental illness.	
	02. Psychotropic drugs: definition, classification.	
	03. Psychotherapy: definition, basic methods of psychotherapy.	
	04. Antipsychotics: definition, classification, spectrum of psychotropic action of neuroleptics.	
	05. Antipsychotics: definition, classification,side effects and complications in the treatment of neuroleptics.	
	06. Main groups of antipsychotics, side effects.	
Course module title	**Course module contents (topics)**	**Academic activities types**
	07. Varieties of psychomotor agitation. Methods of relief of psychomotor agitation.	

Course module title	Course module contents (topics)	Academic activities types
	08. Tranquilizers. Definition, classification, spectrum of psychotropic action, side effects.	
	09. Basic tranquilizers. Complications and side effects in the treatment of tranquilizers.	
	10. Antidepressants: Definition, classification. Complications and side effects of antidepressant treatment.	
	11. The main groups of antidepressants. The	
	spectrum of action of antidepressants.	
	12. Nootropics: definition, spectrum of action, main nootropic drugs, side effects of nootropics	
	13. Psychostimulants, normotimics: definitions, action spectra, side effects and complications.	
	14. Main groups of anticonvulsants. Side effects and complications in the treatment of anticonvulsants.	
	15. Status epilepticus: definition, clinical	
	manifestations, main methods of treatment.	
	16. Treatment of epilepsy: principles, main anticonvulsants.	
	17. Basic principles of treatment and	
	17. Basic principles of treatment and rehabilitation of patients with schizophrenia.	

	18. Basic principles of treatment and rehabilitation of patients with affective psychoses.	
	19. Basic principles and stages of treatment of patients with chronic alcoholism.	
	20. Treatment of patients with alcoholic delirium. Stages of alcoholism treatment.	

	21. Treatment of patients with neuroses. Basic psychotropic drugs, methods of psychotherapy.	
	22. Treatment of patients with anorexia nervosa and bulimia nervosa.	
	23. Treatment of post-traumatic stress disorder. Basic psychotropic drugs, methods of psychotherapy.	
	24. Principles of curation of patients with personality disorders (psychopathies). Basic psychotropic drugs, methods of psychotherapy.	
	25. Diagnosis, types of treatment and rehabilitation of patients with mental disorders due to traumatic brain injury.	
Course module title	**Course module contents (topics)**	**Academic activities types**
Module 4 Medical psychology	1. Tasks and goals of the work of a medical psychologist in the clinic of internal diseases, in a psychiatric clinic.	**Lec, Lab**
	2. Methods of pathopsychological research.	
Course module title	**Course module contents (topics)**	**Academic activities types**
	3. Methods and types of psychological psychotherapy.	
	4. Features of mental activity in organic diseases of the brain.	
	5. Features of memory in organic diseases of the brain.	

	6. Features of thinking in schizophrenia.	
	7. Features of the emotional sphere and thinking in personality disorders.	
	8. Features of the work of a psychologist with cancer patients.	
	9. Features of mental performance in patients with eating disorders.	
	10. Features of thinking, emotions and memory in patients with epilepsy.	
	11. Methodology for memorizing 10 words	
	12. Method "Pictogram"	
	13. Methodology "Classification of objects"	
	14. Features and purposes of using psychometric scales in the clinic of internal diseases and in a psychiatric clinic.	
	15. Method "Exclusion of unnecessary"	

* - 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	Audiences for conducting lecture-type classes, equipped with multimedia projectors, personal computers, screens; educational posters and tables; a set of video films (CD, DVD),	Microsoft Products (OS, Office Suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 04/23/2019)
Type of academic activities	Classroom equipment	Specialised educational / laboratory equipment, software, and materials for course study (if necessary)
	multimedia presentations	

Seminar	Audiences for conducting seminar- type classes, equipped with multimedia projectors, personal computers, screens; educational posters and tables; a set of video films (CD, DVD), multimedia presentations	Microsoft Products (OS, Office Suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 04/23/2019)
Self-studies	Classroom for self-studies of students (can be used for seminars and consultations), equipped with a set of specialized furniture, multimedia projectors, screens; educational posters and tables;	Microsoft Products (OS, Office Suite) (Enrollment for Education Solutions (EES) Subscription No. 56278518 dated 04/23/2019), list of stands, tables, visual posters, etc

7. RESOURCES RECOMMENDED FOR COURSE STUDY

Main readings:
1. Workshop on psychiatry [text]: Textbook / M.V. Korkina [and others]; Ed. M.V. Korkina. - 6th ed., revised. and additional - M. : Publishing House of RUDN University, 2014. - 332 p. : ill. - ISBN 978-5-209-05582-2: 130.33.
2. Psychiatry [Electronic resource]: National guide. Brief edition / Ed. T.B. Dmitrieva, V.N. Krasnova, N.G. Neznanova, V.Ya. Semke, A.S. Tiganova; resp. ed. Yu.A. Alexandrovsky. - M. : GEOTAR-Media, 2015. http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=464608&idb=0
3. Fundamentals of psychotherapy [Text]: Textbook / M.S. Artemiev. - Electronic text data. - M. : Publishing House of RUDN University, 2014. - 312 p. - ISBN 978-5-209-05584-6: 136.55.http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=431699&idb=0
4. Information materials for medical workers on the issues of prescribing and prescribing narcotic and psychotropic drugs, other drugs for medical use subject to subject-quantitative accounting [Electronic resource] / V.P. Padalkin [i dr.]. - Electronic text data. - M. : Publishing House of RUDN University, 2015. - 72 p. - ISBN 978-5-209-06694-1.http://lib.rudn.ru/MegaPro/UserEntry?Action=Rudn_FindDoc&id=444279&idb=0
5. Workshop on general and medical psychology [Text]: Textbook / V.V. Marilov. - 3rd ed., Rev. - M. : Publishing House of RUDN University, 2014. - 230 p. - ISBN 978-5-209 05546-4: 92.36
6. Zeigarnik B.V. Pathopsychology [Text]: A textbook for academic undergraduate studies / B.V. Zeigarnik. - 3rd ed., revised. and additional - M. : Yurayt, 2017. - 367 p. : ill. - (Bachelor. Academic course). - ISBN 978-5-9916-4469-3 : 699.00.
7. Psychiatry [Electronic resource]: National Guide / Ed. Yu.A. Aleksandrovsky, N.G. Neznanov. - 2nd ed., revised. and additional - M. : GEOTAR-Media, 2018. - 976 p. - ISBN 978-5-9704-4462-7.

Additional readings:

Electronic full-text materials:

1. Marilov V.V. Clinical Psychopathology: A Guide / Marilov V.V., Marilova T.Yu. - M. : GEOTAR-Media, 2010. - 608 p. – ISBN 978-5-9704-1609-9
2. Tyulpin Yu. G. Mental illnesses with the course of narcology [Electronic resource]: Textbook / Yu.G. Tulip. - M. : GEOTAR-Media, 2016. - 496 p. - ISBN 978-5-9704-3831-2.
3. Kolesnik N. T. Neuro- and pathopsychology [Text]: Textbook for academic undergraduate / N.T. Kolesnik, E.A. Orlova; Ed. G.I. Efremova. - M. : Yurayt, 2017. - 240 p. - (Bachelor. Academic course. Module). - ISBN 978-5-9916-9643-2: 489.00.
4. Petrova N.I. Psychiatry, medical psychology [Electronic resource]: Textbook / N.I. Petrov. - M. : KNORUS, 2017. - 512 p. - (Specialist). - ISBN 978-5-406-04936-5.

Printed publications:

1. Junqueria's Basic Histology: Text and Atlas, 16th Ed by A.Mescher, 2019

2. Stevens A. Human Histology, 3d Edition /Elseiver – London

3, Johnson Ph.D, Kurt E. Histology and cell biology, 2-d Ed./ Harwal Publishing Company – Baltimore

4. Ross M.H., Pawlina W. Histology: A Text and Atlas, 7th Ed, 2018

5. Gartner L.P., Hiatt J.L. Color Atlas and Text of Histology

7. Paul R. Wheater, H. George Burkitt, Victor G. Daniels. Functional Histology: a text and colour atlas. - Churchill Livingstone Inc. - 1987.

8. Wheater, Paul R. Functional Histology: a text and colour atlas. - 5nd ed. Longman Group UK Limited.

9. Histology, Cytology, Embryology: manual to Laboratory Classes. P. 1 / V.M. Botchey, O.B. Savrova, I.Z. Eremina, V.M. Grinberg; э - M. : PFUR, 2020. - 37 p. - ISBN 978-5-209-09801-0. - ISBN 978-5-209-09802-7 (ч. I).

Internet (based) sources

- 1. Electronic libraries with access for RUDN students:
  - -Electronic library network of RUDN – ELN RUDN http://lib.rudn.ru/MegaPro/Web
  - - ELN «University Library online» http://www.biblioclub.ru
  - - ELN Urait http://www.biblio-online.ru
  - - ELN «Student Advisor» www.studentlibrary.ru
  - - ELN «Lan» http://e.lanbook.com/

- 2. Databases and search engines:
  - - electronic fund of legal and regulatory and technical documentation http://docs.cntd.ru/
  - - search system Yandex https://www.yandex.ru/
  - - search system Google https://www.google.ru/
  - - abstract database SCOPUS http://www.elsevierscience.ru/products/scopus/

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

  1. The set of lectures on the course "Psychiatry, Medical Psychology"

  * 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-4, GPC-5; SPC-1, SPC-2, SPC-3, SPC-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:

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signature name and surname

Associate Professor,
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**HEAD
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position, department	signature	name and surname