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**Federal State Autonomous Educational Institution of Higher Education
PATRICE LUMUMBA PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
RUDN University**

Institute of Medicine

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

COURSE SYLLABUS

PSYCHIATRY, MEDICAL PSYCHOLOGY

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 course “**Psychiatry and Medical Psychology**” is included in the Specialist Degree Program in *General Medicine* (31.05.01 “General Medicine”) and is studied during the 9th and 10th semesters of the 5th year. The discipline is delivered by the Department of Psychiatry and Medical Psychology. It consists of 4 sections and 11 topics and is aimed at providing fundamental theoretical knowledge and practical skills in the diagnosis, emergency care, and treatment of patients with mental disorders.

The goal of the course is to ensure the training of specialists who possess fundamental theoretical knowledge and practical skills in the diagnosis, emergency care, and treatment of patients with mental disorders.

2. REQUIREMENTS FOR LEARNING OUTCOMES

Mastering the course “Psychiatry and Medical Psychology” is aimed at developing the following competencies (or components of competencies) in students: GC-9, PC-2, PC-3

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

Competence code	Competence descriptor	Competence formation indicators (within this course)
GC-9	Ability to apply basic defectological knowledge in social and professional contexts	UC-9.1 Demonstrates knowledge of the concept of inclusive competence, its components and structure; understands the subject, purpose, role, and place of adaptive economics; UC-9.2 Is able to apply basic defectological knowledge in social and professional contexts; UC-9.3 Possesses basic defectological knowledge for application in social and professional contexts, taking into account the specific characteristics of individuals with health impairments;
PC-2	Ability to perform patient examination for the purpose of establishing a diagnosis	PC-2.1 Demonstrates skills in collecting patient complaints, medical history (anamnesis vitae and anamnesis morbi), and performing a complete physical examination (inspection, palpation, percussion, auscultation). PC-2.2 Is able to formulate a preliminary diagnosis and develop a plan for laboratory and instrumental investigations. PC-2.3 Is able to refer a patient for laboratory investigations when medically indicated, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care. PC-2.4 Is able to refer a patient for instrumental examinations when medically indicated, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care. PC-2.5 Is able to refer a patient for consultation with medical specialists when medically indicated, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care. PC-2.6 Is able to refer a patient for specialized medical care in inpatient or day-care settings when medically indicated, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care. PC-2.7 Is able to perform differential diagnosis with other diseases/conditions, including emergency conditions, and to establish a diagnosis in accordance with the current International Statistical Classification of Diseases and Related Health Problems (ICD).
Competence code	Competence	Indicators of Competence Formation (within the framework of this discipline)

PC-3	Ability to prescribe treatment and monitor its effectiveness and safety	<p>PC-3.1 Is able to develop a treatment plan for a disease or condition, taking into account the diagnosis, patient's age, and clinical presentation, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care.</p> <p>PC-3.2 Is able to prescribe medications, medical devices, and therapeutic nutrition, considering the diagnosis, patient's age, and clinical presentation, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care.</p> <p>PC-3.3 Is able to prescribe non-pharmacological treatment, taking into account the diagnosis, patient's age, and clinical presentation, in accordance with current healthcare regulations, clinical guidelines (treatment protocols), and standards of medical care.</p> <p>PC-3.4 Is able to evaluate the effectiveness and safety of medications, medical devices, therapeutic nutrition, and other treatment methods.</p>
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3. THE 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*
GC-9	Ability to apply basic defectological knowledge in social and professional contexts	Psychology and pedagogy;	
PC-2	Ability to perform patient examination for the purpose of establishing a diagnosis	<p><i>Medical Enzymology;</i> <i>Molecular Genetics in Applied Biology and Medicine;</i> <i>Ophthalmology.</i> Propaedeutics of Internal Medicine; Medical Elementology; Obstetrics and Gynecology; Immunology; Otorhinolaryngology; General Surgery; Faculty Therapy; Faculty Surgery; Microbiology and Virology; Pathophysiology and Clinical Pathophysiology; Neurology, Medical Genetics, and Neurosurgery; Evidence-Based Medicine; Radiology (Diagnostic Imaging);</p>	<p>Telemedicine; General Clinical Skills; Emergency Medicine; Obstetrics and Gynecology; Pediatrics. Maxillofacial Surgery; Autopsy Course (Pathological Anatomy Practicum); Endocrinology; Phthisiology (Tuberculosis Medicine); Outpatient/Internal Medicine (Primary Care); Anesthesiology, Resuscitation and Intensive Care; Hospital Surgery and Pediatric Surgery; Oncology and Radiation Therapy;</p>

Competence code	Competence descriptor	Previous courses/modules*	Subsequent courses/modules*
		Dermatovenereology; Molecular Genetic Methods; Pathological Anatomy and Clinical Pathological Anatomy; Urology; Surgical Practice: Assistant to a Surgeon; Obstetric and Gynecological Practice: Assistant to a Gynecologist.	Traumatology and Orthopedics; Reproductive Health; Hospital Therapy (Internal Medicine); Endoscopic Urology; Allergology; Outpatient Pulmonology.
PC-3	Ability to prescribe treatment and monitor its effectiveness and safety	Introduction to Nutrition Science; Ophthalmology; Obstetrics and Gynecology; Otorhinolaryngology; Faculty Therapy (Internal Medicine); Pharmacology; Faculty Surgery; Fundamentals of Integrative Medicine; Neurology, Medical Genetics, and Neurosurgery; Dermatovenereology; Fundamentals of Clinical Nutrition; Clinical Trials; Clinical Research; Urology; Mechanisms of Drug Action; Surgical Practice: Assistant to a Surgeon; Obstetric and Gynecological Practice: Assistant to a Gynecologist.	Telemedicine; Outpatient Cardiology; Obstetrics and Gynecology; Clinical Pharmacology; Pediatrics; Maxillofacial Surgery; Endocrinology; Phthisiology (Tuberculosis Medicine); Outpatient/Internal Medicine (Primary Care); Hospital Surgery and Pediatric Surgery; Oncology and Radiation Therapy; Traumatology and Orthopedics; Reproductive Health; Hospital Therapy (Internal Medicine); Endoscopic Urology; Allergology; Outpatient Pulmonology.

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
<i>Classroom learning , ac.h.</i>	133		85	48
Lectures (LC)	0		0	0
Lab work (LW)	133		85	48
Seminars (workshops/tutorials) (S)	0		0	0
<i>Self-studies</i>	23		17	6
<i>Evaluation and assessment (exam/passing/failing grade)</i>	24		6	18
Course workload	academic hours	180	108	72
	credits	5	3	2

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

5. COURSE CONTENTS

Table 5.1. The content of the discipline and types of academic activities

Course module title	Course module contents (topics)	Academic activities types
Module 1 General psychiatry.	1.1 Introduction to Psychiatry. Psychiatry: definition, branches of psychiatry, types of psychiatric care. Treatment methods for mental illnesses. Classification of mental illnesses. Sensory disorders, sensory synthesis disorders. Perceptual disorders. Classification, clinical manifestations. Associative process disorders. Content-based thinking disorders. Delusions, delusional groups. Overvalued ideas. Obsessions. Persecutory delusion group. Delusional grandeur group. Depressive delusion group. Symptoms of emotional (affective) disorders. Symptoms of memory impairment.	LW
	1.2 Psychopathological syndromes. Asthenic syndrome: symptoms, stages. Delusional syndromes: types. Paranoid syndrome. Hallucinatory-paranoid syndrome. Kandinsky-Clerambault syndrome. Paraphrenic syndrome. Cotard's syndrome. Dismorphophobia-dysmorphomania syndrome. Emotional (affective) syndromes: types. Manic syndrome. Depressive syndrome. Types of depression. Types of emotional syndromes. Apathetic syndrome. Catatonic syndrome. Amnestic syndrome. Korsakoff's syndrome. Delirium, oneiroid, amentia, twilight states. Depersonalization.	LW

Course module title	Course module contents (topics)	Academic activities types
	Psychoorganic syndrome. Phobias, obsessions, drive disorders.	
Mod Special ule 2 psychiatry.	<p style="text-align: center;">2.1</p> <p>Organic mental disorders. Mental retardation: definition, classification, treatment, and rehabilitation methods. Mental disorders associated with neurosyphilis: types, diagnostic, treatment, and rehabilitation methods. Syphilis of the brain: definition, clinical forms, diagnostic, and treatment methods. Progressive paralysis: definition, clinical forms, diagnostic, and treatment methods. Epilepsy: definition, clinical manifestations, diagnostic, and treatment methods. Paroxysmal disorders associated with epilepsy: classification. Non-paroxysmal disorders associated with epilepsy. Mental disorders associated with cerebral vascular lesions: types, clinical manifestations, and treatment methods. Mental disorders associated with hypertension: clinical manifestations and treatment methods. Presenile (involutional) psychoses: definition, clinical types, diagnostic and treatment methods. Alzheimer's disease: definition, clinical forms, diagnostic and treatment methods. Mental disorders associated with atrophic brain diseases: types, diagnostic and treatment methods.</p>	LW
	<p style="text-align: center;">2.2</p> <p>Addictive and somatogenic disorders. Alcoholism: definition, stages, types, treatment methods. Alcoholic psychoses: classification, clinical manifestations. Alcoholic delirium: definition, classification, clinical manifestations. Alcoholic hallucinosis, alcoholic paranoid: definition, classification, clinical manifestations. Alcoholism: definition, stages, treatment methods. Pathological intoxication. Drug addiction: definition, classification, clinical manifestations, treatment and rehabilitation methods. Toxicomania, drug addiction: definition, classification, clinical manifestations, treatment methods. Mental disorders in infectious diseases: classification, types, clinical manifestations, treatment methods. Mental disorders in AIDS: clinical manifestations, treatment, and rehabilitation methods. Mental disorders in somatic diseases: main clinical manifestations, treatment methods. Somatopsychiatry. Main symptoms and syndromes of mental disorders in somatic diseases. Psychosomatics: definition. Types of psychosomatic pathology.</p>	LW
	<p style="text-align: center;">2.3</p> <p>Endogenous disorders. Schizophrenia: definition, main symptoms, and syndromes of mental disorders in schizophrenia. Schizophrenia: definition. Types of schizophrenia. Forms of schizophrenia. Malignant schizophrenia: definition, clinical varieties, treatment methods. Simple and catatonic forms of schizophrenia: clinical characteristics, treatment methods. Hebephrenic and paranoid forms of schizophrenia: clinical characteristics, treatment methods. Schizophrenia: definition, types of progression. Special forms of schizophrenia. Bipolar affective disorder: definition, clinical varieties, treatment methods.</p>	LW
	<p style="text-align: center;">2.4</p> <p>Psychogenic disorders. Psychogenias: definition, clinical types, treatment methods. Reactive psychoses: definition, clinical types, treatment methods. Hysterical (hysterical) reactive psychoses: definition, clinical types, treatment methods. Reactive depression: definition, clinical manifestations, differential diagnosis. Suicide prevention. Reactive (psychogenic)</p>	LW

Course module title	Course module contents (topics)	Academic activities types
	delusional psychoses: types, clinical manifestations, treatment methods. Reactive psychoses: definition, clinical types. The concept of iatrogenia. Obsessive-compulsive disorder. Neurotic disorders. Post-traumatic stress disorder: definition, clinical manifestations, treatment methods. Personality disorders: definition, criteria, classification, clinical types. Anorexia nervosa and bulimia nervosa: definition, stages, clinical manifestations, treatment methods.	
Module 3 Treatment of mental disorders.	<p style="text-align: center;">3.1</p> Psychopharmacology. Methods of treating mental illnesses. Psychotropic drugs: definition, classification. Psychotherapy: definition, main methods of psychotherapy. Neuroleptics: definition, classification, spectrum of psychotropic action of neuroleptics. Main groups of neuroleptics, side effects. Types of psychomotor agitation. Methods of stopping psychomotor agitation. Tranquilizers. Definition, classification, spectrum of psychotropic action, side effects. Main tranquilizers. Complications and side effects during treatment with tranquilizers. Antidepressants: Definition, classification. Complications and side effects during treatment with antidepressants. Main groups of antidepressants. Spectrum of action of antidepressants. Psychostimulants, mood stabilizers: definitions, spectrum of action, side effects and complications. Main groups of anticonvulsants. Side effects and complications of anticonvulsant treatment. Status epilepticus: definition, clinical manifestations, and main treatment methods. Epilepsy treatment: principles and main anticonvulsant medications.	LW
	<p style="text-align: center;">3.2</p> Therapy and rehabilitation of mental disorders. Basic principles of treatment and rehabilitation of patients with schizophrenia. Basic principles of treatment and rehabilitation of patients with affective psychoses. Basic principles and stages of treatment of patients with chronic alcoholism. Treatment of patients with alcoholic delirium. Stages of alcoholism treatment. Basic psychotropic medications and psychotherapy methods. Treatment of patients with anorexia nervosa and bulimia nervosa. Treatment of post-traumatic stress disorder. Basic psychotropic medications and psychotherapy methods. Principles of care for patients with personality disorders. Diagnosis, types of treatment, and rehabilitation of patients with mental disorders due to TBI.	LW
Module 4 Medical psychology.	<p style="text-align: center;">4.1</p> Fundamentals of Medical Psychology. The goals and objectives of a medical psychologist. Pathopsychology. Methods of pathopsychological research. Experimental psychological research.	LW
	<p style="text-align: center;">4.2</p> Pathopsychological syndromes. Characteristics of mental activity in organic brain diseases. Characteristics of memory in organic brain diseases. Characteristics of thinking in schizophrenia. Characteristics of the emotional sphere and thinking in personality disorders. Characteristics of mental performance in patients with eating disorders. Characteristics of thinking, emotions, and memory in	LW

Course module title	Course module contents (topics)	Academic activities types
	patients with epilepsy.	
	4.3 Psychodiagnostics. Experimental psychological research methods.	LW

6. CLASSROOM EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENT

Table 6.1. Logistical and material provision of the discipline.

Classroom for Academic Activity Type	Classroom Equipment	Specialized educational/laboratory equipment, software and materials for the mastering of the discipline
Computer lab	Computer lab for classes, group and individual consultations, ongoing monitoring, and midterm assessments, equipped with personal computers, a whiteboard (screen), and multimedia presentation equipment.	Set of videos, multimedia presentations, and a multimedia projector
Self-studies	Auditorium for independent work of students (can be used for seminars and consultations), equipped with a set of specialized furniture	Set of videos, multimedia presentations

7. RECOMMENDED SOURCES FOR COURSE STUDIES

Main readings:

1. Korkina, M.V. et al. (2023). Workshop in Psychiatry. 6th ed., revised and expanded. Moscow: RUDN University Press, 332 p. ISBN 978-5-209-05582-2.
2. Tsygankov B.D.

Psychiatry : textbook : учебное пособие / B.D. Tsygankov, S.A. Ovsyannikov ; Tsygankov B.D., Ovsyannikov S.A. - Москва : ГЭОТАР-Медиа, 2022. - 464 с.

URL: https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=519237&idb=0

Additional reading:

1. Kaplan & Sadock's Synopsis of Psychiatry / Edited by Robert Joseph Boland, Marcia L. Verduin, Pedro Ruiz, and Arya Shah. - Электронные текстовые данные. - Wolters Kluwer Health, 2022. - 3773 с.

URL: https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=513540&idb=0

2. Digital Therapies in Psychosocial Rehabilitation and Mental Health / Edited by Antonio Jose Marques, and Ricardo Queiros. - Электронные текстовые данные. - Medical Information Science Reference, 2022. - 414 с.

URL: https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=513356&idb=0

Internet sources:

1. Electronic Library Systems (ELS)

- RUDN Electronic Library System

<https://mega.rudn.ru/MegaPro/Web>

- University Library Online <http://www.biblioclub.ru>

- Yurait <http://www.biblio-online.ru>

- Student Consultant www.studentlibrary.ru

- Znanium <https://znanium.ru/>

2. Databases and Search Engines

- Sage <https://journals.sagepub.com/>

- Springer Nature Link <https://link.springer.com/>

- Wiley Journal Database <https://onlinelibrary.wiley.com/>

- Scientometric Database Lens.org <https://www.lens.org>

Teaching and Methodological Materials for Independent Study:

1. Lecture course on the discipline “Psychiatry and Medical Psychology”.

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).

* - All teaching and methodological materials for independent study are provided in accordance with the established procedure on the course page in the TUIS system!

DEVELOPERS:

Professor

position, educational department

Signature

M.S. Artemieva

name and surname

HEAD OF EDUCATIONAL DEPARTMENT:

Head of the department

position, educational department

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Professor

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