

**MINISTRY OF HEALTH CARE OF UKRAINE
ODESA NATIONAL MEDICAL UNIVERSITY**

Department of physical rehabilitation, sports medicine, physical training

**Syllabus of the academic discipline
«Physical therapy and occupational therapy»**

Scope of the academic discipline	Total number of hours per discipline: 90 hours, 3.0 credits. Semester: IX-X 5th year of study
Days, time, place of educational discipline	According to the schedule of classes. Department of Physical Rehabilitation, Sports Medicine, Physical Training Odesa, 4-A Olgivivska St., ONMedU Sports Complex, 2nd floor.
Teacher(s)	Iushkovska Olga. Head of the Department, Doctor of Medical Sciences, Professor. Plakida Oleksandr. Doctor of Medicine, Professor of the Department. Olena Filonenko. Candidate of Medical Sciences, Associate Professor of the Department. Kravets Svitlana. Assistant of the Department. Semenenko Oleg. Assistant of the Department. Kamo Shakhnazaryan. Assistant of the Department.
Contact information	Help by phone: Viktoriya Seredovska, head teacher of the department 0672857552 Viktoriya Radaeva, laboratory assistant of the department, 0973824140, +380(48) 723-05-68, +380 (48) 728-50-30 E-mail: sportmed@onmedu.edu.ua Face-to-face consultations: from 15.00 to 17.00 every Thursday according to the schedule. Online consultations: from 16.00 to 18.00 every Thursday according to the schedule. A link to an online consultation is provided to each group during classes separately.

COMMUNICATION

Communication with applicants will be carried out in the classroom (in person). During distance learning, communication is carried out through the Microsoft Teams platform, as well as through e-mail correspondence, Viber messengers (through groups created in Viber for each group, separately through the group head).

ABSTRACT OF THE EDUCATIONAL DISCIPLINE

The subject of study of the discipline is methods and means of physical therapy and occupational therapy.

Prerequisites and post-requisites of the discipline (place of the discipline in the educational program):

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Prerequisites: foreign language (by professional direction), medical biology, biophysics, biochemistry, ethics, philosophy, ecology, human anatomy, normal and pathological physiology and integrates with these disciplines.

Post-requisites: life safety, valeology, physical rehabilitation, sports medicine and formation of skills to apply knowledge of kinesiotaping, further study of all clinical disciplines and in future professional activities.

The purpose of the discipline: Mastering by the student of higher education knowledge and formation of elements of professional competences in the field of physical therapy and occupational therapy.

Tasks of the discipline:

1. Learning the basics of physical rehabilitation and occupational therapy;
2. Familiarization with the peculiarities of management in physical therapy and occupational therapy;
3. Mastering the method of assessing the functional state in the practice of a physical therapist and an occupational therapist;
4. Mastering skills in physical therapy and occupational therapy.

Expected results:

As a result of studying the academic discipline, the applicant must:

Know:

- Basics and content of physical therapy and occupational therapy;
- Basic methods and approaches in physical therapy and occupational therapy;
- Methods of analysis of functional research results in physical therapy and occupational therapy;

Be able:

- Assess the patient's functional state by a physical therapist and/or an occupational therapist;
- To prescribe an approximate physical therapy program depending on the condition and stage of rehabilitation;
- Assign an indicative occupational therapy program depending on the condition.

DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

Forms and methods of education

The discipline will be taught in the form of practical classes (30 classroom hours); organization of the applicant's independent work (60 hours).

Teaching methods: conversation, story, explanation, demonstration, instruction, training exercises.

Content of the academic discipline

Content module 1.

Physical therapy and occupational therapy

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Topic 1. Physical therapy and occupational therapy: basic concepts, tasks, organization.

Topic 2. Management in physical therapy and occupational therapy. General issues of organizing the use of physical therapy. General issues of occupational therapy organization.

Topic 3. Physiological justification of physical therapy on occupational therapy.

Topic 4. Principles of physical therapy and occupational therapy. Methods. Means.

Topic 5. Models of the use of physical therapy in different countries of the world.

Topic 6. Models of providing rehabilitation services based on ICF.

Topic 7. Physical therapy and occupational therapy for diseases and injuries of the central nervous system. Physical therapy and occupational therapy for diseases and injuries of the peripheral nervous system.

Topic 8. Physical therapy and occupational therapy for diseases of the musculoskeletal system.

Topic 9. Physical therapy and occupational therapy in pediatrics.

Topic 10. Physical therapy and occupational therapy in cardiology.

Bibliography:

Basic:

1. Liannoi, Yu. O. Fundamentals of physical rehabilitation: teaching. manual for university students Education closing / Yu. O. Liannoi; ed. Yu. O. Liannoi; rec.: Yu. M. Shkrebtii, M. M. Kaplin, V.A.Jamb; MES of Ukraine, Sumy. stateped. University named after A. S. Makarenko. - Sumy: Type of Sumy. DPU named after A. S. Makarenko, 2020. - 368 p.

2. Maikova, T.V. Occupational therapy: textbook / T.V. Maikova, S.M. Afanasyev, O.S.Afanasyeva; rec.: Yu. O. Filippov, O. V. Kosynskyi, V. V. Prykhodko; MES of Ukraine, Dnieper Province. state Acad. physical culture and sports. - Dnipro: Zhurfond, 2019. - 374 p.

3. Maikova, T. V. Basics of occupational therapy: textbook. appoint for higher education graduates Education "Bachelor" of specialized studies. faculty, as well as specialists in physical therapy and occupational therapy, scientists / T. V. Maikova, O. S. Afanasyeva; rec.: O. V. Kosynskyi, E. Yu.Doroshenko, N. V. Bogdanovska; MES of Ukraine, Dnieper Province. state Acad. physical culture and sports. - Dnipro: Zhurfond, 2021. - 364 p.

4. Medical and physical rehabilitation in orthopedics and traumatology: the guide will be useful to orthopedic traumatologists and physical specialists. and rehabil. of medicine / O. M. Khvysyuk [etc.]; edited by: O. M. Khvysyuk; Kharkiv. honey. Acad. postgraduate education - Sumy: Vinnychenko M. D., 2021. - 392 p.

5. Basics of rehabilitation, physical therapy, occupational therapy: tutorial. for students of the 1st level of universities. education: branch of knowledge 22 "Healthcare", special. 227 "Physical therapy, occupational

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therapy" / L. O. Vakulenko [and others]; in general ed.: L. O. Vakulenko, V. V.Klapchuka. - Ternopil: TDMU "Ukrmedknyga", 2020. - 372 p.

ASSESSMENT

Forms and methods of current control: oral (questionnaire), theoretical testing, evaluation of test performance, evaluation of activity in the classroom.

Criteria for current assessment in practical classes

Grade	Evaluation criteria
«5»	The applicant worked systematically during the semester, showed versatile and deep knowledge of the program material, was able to successfully complete the tasks provided for by the program, mastered the content of basic and additional literature, realized the relationship between individual sections of the discipline, their importance for the future profession, revealed creative abilities in the mind using educational and program material that has shown the ability to i update and replenish knowledge dependently.
«4»	The applicant has revealed full knowledge of the educational and program material, successfully fulfills the tasks stipulated by the program, mastered the basic literature recommended by the program, showed a sufficient level of knowledge in the discipline and can independently update and update them in the course of further education and professional activity.
«3»	The applicant has shown knowledge of the main educational and program material to the extent necessary for further education and subsequent work in the profession, copes with the tasks provided for by the program, made some mistakes in the answers to the exam and when performing test tasks, but has the necessary knowledge to overcome the mistakes made under the guidance of a scientific and pedagogical worker.
«2»	The applicant did not reveal sufficient knowledge of the main educational and program material, made fundamental mistakes in implementing the tasks provided for by the program, could not use knowledge in further training without the help of a teacher, and could not master the skills of independent work.

Forms and methods of final control: a credit is given to an applicant who has completed all sections of the educational program of the elective discipline, actively participated in seminars, has a current average grade of at least 3.0 and has no academic debt.

Possibility and conditions for receiving additional (bonus) points: not provided.

INDEPENDENT WORK OF HIGHER EDUCATION ACQUIRES

Independent work involves preparation for each practical session.

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EDUCATIONAL DISCIPLINE POLICY

Deadlines and Rescheduling Policy:

Absences of classes for non-respectable reasons are made up according to the schedule of the teacher on duty.

Absences due to valid reasons are processed according to an individual schedule with the permission of the dean's office.

Policy on academic integrity:

- It is mandatory for applicants to observe academic integrity, namely:
- independent performance of all types of work, tasks, forms of control provided for by the work program of this academic discipline;
- references to sources of information in the case of using ideas, developments, statements, information;
- compliance with the legislation on copyright and related rights;
- provision of reliable information about the results of one's own educational (scientific) activity, used research methods and sources of information.

The following are unacceptable in educational activities for participants of the educational process:

- using family or official ties to obtain a positive or higher grade during any form of control of learning results or advantages in scientific work;
- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, Smartphone, tablets, etc.) during control measures;
- passing procedures for control of training results by fake persons.

For violation of academic integrity, students may be held to the following academic responsibility:

- a decrease in the results of assessment of control work, assessment in class, credit, etc.;
- repeated evaluation (test, credit, etc.);
- appointment of additional control measures (additional individual tasks, control works, tests, etc.);
- additional inspection of other works authored by the violator.

Attendance and Tardiness Policy:

Uniform: a medical gown that completely covers the outer clothing, or medical pajamas, a cap, a mask, and a change of shoes.

Equipment: notebook, pen.

State of health: applicants suffering from acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

A student who is late for class can attend it, but if the teacher has put "abs" in the journal, he must complete it in the general order.

Use of mobile devices:

Students with the permission of the instructor may use mobile devices if they are needed to complete the assignment.

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Behavior in the audience:

The behavior of applicants and teachers in the classrooms should be working and calm, strictly comply with the rules established in accordance with the Code of Academic Ethics and Relations of the University Community of Odesa National Medical University.

