MINISTRY OF HEALTH PROTECTION OF UKRAINE
ODESA NATIONAL MEDICAL UNIVERSITY
International faculty
Department of infectious diseases with a course of dermatovenerology

Syllabus of the academic discipline
"Infectious diseases"

Amount of the academic discipline	Total number of hours per discipline: 30 hours, 1 credits. Semesters: VII - VIII. 4th year of study.
Days, time, place of educational discipline	According the schedule by cycles, Department of Infectious Diseases, Oleksiy Markevych, 1, Odesa
Teacher(s)	Chaban T.V. PhD. Med. Sciences, professor, head of the department. Associate professors: candidate of medical science Pavlenko O.V., Gerasymenko O.A., Movlyanova N.V., Usychenko K.M. Assistants: Verba N.V., Bocharov V.M.
Contact Information	Information by phone: Nataliia Victorivna Verba, head instructor of the Department +380931109458, *E-mail*: nataliia.verba@onmedu.edu.ua or verbanatali2@gmail.com Consultations: from 4:00 p.m. to 5:30 p.m. The link to the online consultation is provided to each group during classes separately

COMMUNICATION

Communication with applicants will be conducted in the classroom (face-to-face). 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 head of the group).
The calendar and thematic plans of practical classes are posted in the materials of the department in the blog of the ONMedU library at the link (https://info.odmu.edu.ua/chair/infectious_diseases/)

Written tasks will be sent via Viber (phone number 0931109458).

Written papers should be sent to nataliia.verba@onmedu.edu.ua or verbanatali1@gmail.com

Face-to-face meetings are not held during quarantine. Practices are held online in Teams.The address in Teams: "Infectious diseases Working out class passes."

ANNOTATION OF THE ACADEMIC DISCIOLINE

The subject of study of the discipline is infectious diseases.
Prerequisites: knowledge, skills and abilities of such disciplines as medical and biological physics, microbiology, virology and immunology, physiology, pathophysiology, clinical pharmacology, internal medicine, surgery are necessary to master the discipline.
Post-requisites: knowledge, skills and abilities in the discipline "infectious diseases" are necessary for studying internal diseases, surgery, neurology, dermatology, epidemiology, ophthalmology, otolaryngology, endocrinology, resuscitation.
The goal of the discipline: Training of highly qualified specialists capable of using the

acquired knowledge of infectious diseases in the process of further education and professional activity.

Tasks of the discipline:

Formation of skills and abilities:

- identify the main clinical symptoms that form a characteristic syndrome in relation to the most common infectious diseases;
- establish a preliminary diagnosis of the most common infectious diseases (syndromal and etiological).

Improving skills:

- establishment and substantiation of the preliminary clinical diagnosis;
-planning of preventive and quarantine measures for the most common and particularly dangerous diseases;
- carry out clinical and laboratory differential diagnosis of various infectious diseases and infectious and non-infectious diseases;
-interpret the results of specific examination methods in the presence of combined pathology - infectious and non-infectious.

Mastery of skills:

- determine the tactics of managing patients with the most common infectious diseases;
- determine the tactics of hospitalization and isolation of infectious patients;
-diagnose emergency conditions and provide assistance at the pre-hospital stage;
-demonstrate awareness of infectious diseases as weapons of mass destruction;
- predict the consequences of infectious diseases for human health.

Expected results:

As a result of studying the academic discipline, the student of higher education must:

Know: etiology, epidemiology, pathogenesis, clinic, diagnosis, differential diagnosis, treatment, prevention of common infectious diseases.

Be able:

- communicate with the patient, collect complaints, life and disease history, epidemiological history, conduct a survey of organs and systems;
- conducting a physical examination of the patient and determining the main symptoms of the disease;
- analyze the results of laboratory, functional and instrumental research;
- carry out differential diagnosis and substantiate the clinical diagnosis;
-determine tactics and provide emergency medical aid in emergency situations;
- determine the nature and principles of treatment on the basis of a preliminary clinical diagnosis, observing relevant ethical and legal norms, by making a reasoned decision according to existing algorithms and standard schemes;
- determination of primary and secondary prevention measures.

DESCRIPTION OF THE ACADEMIC DISCIPLINE

Forms and methods of education

The discipline will be taught in the form of lectures (4 hours), practical classes (14 hours), organization of independent work of the applicant (12 hours).

Lectures: multimedia presentations, slides, educational films, demonstration of thematic patients.

Practical classes: solving clinical cases, practicing the skills of providing medical care to patients from the moment of their hospitalization, examination, diagnosis, treatment until discharge from the hospital; practicing the skills of working in a team of applicants, doctors,

other participants in the provision of medical care.

Self-study work: independent work with recommended basic and additional literature, with electronic information resources, preparation for practical classes; independent work with a bank of test tasks КРОК-2, independent mastering of algorithms for communication with the patient.

Content of the academic discipline:

Topic 1. The concept of the infectious process. General characteristics of intestinal infections
Topic 2. Dehydration shock in the clinic of infectious diseases
Topic 3. Helminth infections
Topic 4 General characteristics of respiratory tract infections
Topic 5. Meningeal syndrome in the clinic of infectious diseases. Meningococcal infection
Topic 6. Infectious-toxic shock in the clinic of infectious diseases
Topic 7. Diphtheria
Topic 8. "Children's" droplet infections in adults
Topic 9. Herpesvirus infections
Topic 10. Viral hepatitis with fecal-oral transmission mechanism.
Topic 11. Acute viral hepatitis with a parenteral transmission mechanism
Topic 12. HIV infection
Topic 13. Quarantine infections

List of recommended literature:

Main:

-. Atlas of children's infectious diseases. Red Book = Red Book Atlas of Pediatric Infectious Diseases / Carol J. Baker; translation of the 3rd Eng. edition. K.: AUSPH "Medicine", 2019. - 744 p.
-Atlas of infectious diseases [M.A. Andreychyn, V.S. Kopcha, S.O. Kramarev and others]; under the editorship MA. Andreychyna - 3rd ed., ed. and added - Lviv: Magnolia, 2019. - 296 p.
- Atlas of infectious diseases / M. A. Andreychyn [and others]; under the editorship M. A. Andreychyna. - 2nd ed., ed. and added - Ternopil: Subdistrict. and manual, 2017. - 287 p.
- Infectious diseases: textbook / O.A. Golubovska, M.A. Andreychyn, A.V. Shkurba and others; under the editorship O.A. Golubovska - 2nd ed., revised. and added - K.: AUSPH"Medicine", 2018. - 688 p.
-Infectious diseases: Textbook for med. universities, institutes, acad. Approved by the Ministry of Health and the Ministry of Health / Golubovska O.A., Andreychyn M.A., Shkurba A.V.; under the editorship O.A. Golubovska K.: AUSPH "Medicine", 2018. - 664 p.
- Infectious diseases: textbook / O.A. Golubovska, M.A. Andreychyn, A.V. Shkurba and others; under the editorship O.A. Golubovska - 4th ed., revised. and added - K.: AUSPH "Medicine", 2022. - 464 p. (colored)
-Infectious diseases. Course of lectures: study guide / E.V. Nikitin, K.L. Servetskyi, T.V. Shepherd [and others]. – Odesa: ONMedU, 2012. – 252 p. – (Series "medical student library").
Electronic catalog of the ONMedU library **(https://library.odmu.edu.ua/catalog/)**

ASSESSMENT

Types of control: current monitoring and final control.

Form of final control is a credit.

Current monitoring of students' performance is carried out at practicals based on theoretical knowledge and practical skills and abilities, for which the following forms are used:
- *oral inquiry;*
- *flash-poll;*
- *control of practical skills* (work at the patient's bedside) - by a teacher, self-assessment;
- *control of a situational clinical problem solving* with a diagnosis, its justification and the answer to a question at the end of a session (written control);
- *oral/written answers* to questions on SSS topics in accordance with the calendar and topic plan;
- *assessment of class activity*

The grade for one practical session is the arithmetic average of all components and can only have a whole value (5, 4, 3, 2), which is rounded according to the statistical method.

Current evaluation criteria in practical training

Grade	Evaluation criteria
Excellent «5»	The acquirer has a fluent command of the material, takes an active part in discussing and solving a situational clinical problem, confidently demonstrates practical skills during the examination of a patient and the interpretation of clinical, laboratory and instrumental research data, expresses his opinion on the topic of the lesson, demonstrates clinical thinking.
Good «4»	The acquirer has a good command of the material, participates in the discussion and solution of a situational clinical problem, demonstrates practical skills during the examination of a patient and the interpretation of clinical, laboratory and instrumental research data with some errors, expresses his opinion on the subject of the lesson, demonstrates clinical thinking.
Satisfactory «3»	The acquirer does not have sufficient knowledge of the material, is unsure of participating in the discussion and solving of the situational clinical problem, demonstrates practical skills during the examination of the patient and the interpretation of clinical, laboratory and instrumental research data with significant errors.
Unsatisfactory «2»	The acquirer does not possess the material, does not participate in the discussion and solution of the situational clinical problem, does not demonstrate practical skills during the examination of the patient and the interpretation of clinical, laboratory and instrumental research data.

Credit is awarded to an applicant who has completed all the tasks of the work program of the discipline, actively participated in practical classes, completed and defended an individual assignment and has a current average grade of at least 3.0 and has no academic debt.

The test is taken: at the last lesson. The grade for the test is the arithmetic average of all components on a traditional four-point scale and has a value that is rounded according to the statistical method with two decimal places.

Distribution of points received by acquirers of higher education

The obtained grade point average for the discipline for students who have successfully completed the work program of the discipline is converted from the traditional

four-point scale to points on a 200-point scale, as shown in the table:

Table of conversion of traditional grade into a multi-point scale

National assessment for discipline	**The sum of points for the discipline**
Excellent («5»)	185-200
Good («4»)	151-184
Satisfactory («3»)	120-150
Unsatisfactory («2»)	Lower then 120

A multi-point scale (200-point scale) characterizes the actual performance of each student in mastering the educational component. The conversion of the traditional grade (grade point average for a discipline) into a 200-point scale is performed by the University's Information Technology Department.

According to the points obtained on a 200-point scale, the achievements of applicants are evaluated according to the ECTS rating scale. Further ranking according to the ECTS rating scale allows to evaluate the achievements of applicants in the educational component who study in one course of one specialty, according to the points they received.

The ECTS scale is a relative and comparative rating scale that establishes the applicant's belonging to the group of the best or worst among the reference group of fellow students (faculty, specialty). Grade A on the ECTS scale cannot be equal to grade A, and grade B cannot be equal to grade B, etc. When converting from a multi-point scale, the limits of grades "A", "B", "C", "D", "E" on the ECTS scale do not coincide with the limits of grades "5", "4", "3" on the traditional scale. Applicants who have received grades "FX" and "F" ("2") are not included in the list of ranked applicants. The grade "FX" is assigned to applicants who have scored the minimum number of points for current academic activities, but who have not been credited with the final control. The grade "F" is assigned to applicants who have attended all classes in the discipline, but have not gained an average score (3.00) for current academic activities and are not allowed to take the final control. Acquirers enrolled in the same course (one specialty), based on the number of points gained in the discipline, are ranked on the ECTS scale as follows:

Conversion of the traditional grade from the discipline and the sum of points on the ECTS scale

ECTS mark	Statistic index
“A”	Next 10% of acquirers
“B”	Next 25% of acquirers
“C”	Next 30% of acquirers
“D”	Next 25% of acquirers
“E”	Next 10% of acquirers

STUDENTS’ SELF-STUDY WORK

Students’ self-study which is performed on the topic of a practical class along with classroom activities, is evaluated during the current monitoring at the corresponding session.

Self-study work involves preparation to each thematic session.

COURSE POLICIES

Deadlines and make-ups policy.

Unexcused absences at practical sessions are made up according to the schedule to the instructor on duty.
Absences for valid reasons are worked out according to an individual schedule with the permission of the dean's office. Work-up of missed classes according to an individual schedule is carried out in full at a time specially determined by the head/head instructor of the department every day, but no more than one class per day at the department.

***Academic integrity policy**:*
Students must observe academic integrity, namely:

- independent performance of all types of work, assignments, forms of control provided by this course work program;
- cite all sources of information in the case of using ideas, designs, statements, data;
- observance of legislation on copyright and related rights;
- providing reliable information about the results of one's own educational (scientific) activity, used research methods and sources of information.

Unacceptable for participants of the educational process are:

- using family or official ties to obtain a positive or higher grade during any form of control of learning outcomes or advantages in academic performance;
- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.) at controls;
- passing procedures for learning outcomes control by fake persons.

For violation of academic integrity, students may get the following academic penalties:

- decrease in grades for the control work, current performance, credit, etc.;
- retake of assessment (control work, credit, etc.);
- additional control assignments (additional individual tasks, control works, tests, etc.);
- conducting an additional inspection of other works authored by a violator.

Attendance 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, phonendoscope.
State of health: students 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 an instructor noted his absence in the register, he must make it up in the general order.
In order to receive a satisfactory grade, it is mandatory to attend and participate at classroom sessions.

Mobile devices
It is allowed to be used with the instructor's permission for performing a task.

Student Conduct
Students and instructors' conduct in a classrooms must be working and calm, strictly comply with the rules established by the Regulations on academic integrity and ethics in academic relations at Odesa National Medical University, in accordance with the Code of Academic Ethics and University Community Relations of Odesa National Medical University, Regulations on Prevention and detection of academic plagiarism in the research and educational work of students of higher education, scientists and teachers of Odesa National Medical University.