

# SYLLABUS

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INTERNATIONAL EUROPEAN  
UNIVERSITY



**SCHOOL OF  
MEDICINE**

**Surgery**

**2021**



# SYLLABUS



Discipline 

 Surgery

Teacher 



Teacher profile 



Consultations:

Eye consultations

 Second Thursday of the month from 15:00 to 16:00

Online consultations

 Third Friday of the month from 15:00 to 16:00

Contact Phone 



E-mail 



Discipline page 



| Summary control form | final test | diff test | exam |
|----------------------|------------|-----------|------|
|----------------------|------------|-----------|------|





# SYLLABUS



## 1 Short abstract of the discipline

The academic discipline "Surgery" provides an opportunity for students of the Faculty of Dentistry in the 3rd year of study to master the knowledge, skills and practical skills that enable a specialist to quickly and correctly orient themselves in situations in the presence of acute surgical pathology and other urgent conditions in patients, avoid fatal mistakes or time loss and take priority steps that will save a person's life and /or become a good basis for its successful further treatment. The assimilation of discipline is based on the knowledge gained by students in the process of studying anatomy, biology, physiology, general surgery and other basic subjects.

## 2 Prerequisite for studying the discipline

The study of the discipline is based on knowledge of the following disciplines: normal anatomy, normal physiology, histology, pathological anatomy, pathological physiology, pharmacology, general surgery.

## 3 The purpose and objectives of the discipline

The purpose of the study of surgery is the assimilation of theoretical and practical knowledge of etiology, pathogenesis, typical and atypical clinical manifestations, diagnostic methods, conservative and surgical treatment, rehabilitation of surgical pathology within the limits that correspond to the training of a general physician, taking into account the peculiarities of his specialty. The main tasks of studying the discipline "Surgery" are the mastery of knowledge, skills and skills to ensure the adaptation of students to patients of surgical profile; ability to make a diagnosis, choose appropriate medical and diagnostic manipulations, provide emergency care to patients with surgical pathology.

## 4 Learning Outcomes

PLO-1. Collect data on patient complaints, medical history, history of life.

PLO -2. To study information on the diagnosis by applying a standard procedure on the basis of laboratory and instrumental research results (according to the list 4).

PLO -3. Specify leading clinical symptom or syndrome (on list 1). Establish the most likely or syndrome diagnosis of the disease (on the list 2). Prescribe laboratory and/ or instrumental examination of the patient (on the list 4).

Carry out differential diagnosis of diseases (according to the list 2). Set preliminary clinical diagnosis (on list 2).

PLO-4. Define the necessary mode of operation and rest in the treatment of the disease (on the list 2).

PRNA-5Discover necessary treatment of the disease (on the list 2).

PLO-6. Discover principles and nature of treatment (conservative, operative) disease (on the list 2).

PLO-7. Inscsit diagnosis (on list 3).

PLO-8. Define tactics for emergency medical care on the basis of a diagnosis of an emergency (on the list 3).

PLO-9. Addextramedic help-aid to the diagnosis of an emergency (on the list 3).

PLO-12. Form among the assigned contingent of the population dispensary groups of patients; healthy people subject to dispensary supervision. Carry out a system of anti-epidemic and preventive measures within the framework of primary health care to the population. Carry out a system of primary prevention measures within the framework of primary health care to the population. Organize secondary events among the entrenched contingent of the population and tertiary prevention.



# SYLLABUS



## 4 Learning Outcomes

PLO-14. Define the source and/or location of the necessary information depending on its type; receive the necessary information from a certain source; process and analyze the received information.

PLO-15. Determine the presence and extent of limitations of life, type, degree and duration of disability with the execution of relevant Documents.

Documents.

PLO-16. Prepare an annual report on personal production activities; conduct medical documentation of the propatient contingent of the population in the state language.

PLO-21. Form goals and define the structure of personal activity. Be able to make informed decisions, choose ways and strategies of communication to ensure effective teamwork. Carry responsibility for the choice and tactics of the way of communication

PLO-24. Adhere to the requirements of ethics, bioethics and deontology in its professional activities.

PLO-25. Organize the required level of individual safety (own and persons concerned) in case of typical dangerous situations in the individual field of activity.

PLO-26. Perform medical manipulations (on list 5).

## 5 ECTS Loans

4 credits / 120 academic hours

## 6 Structure of discipline

| Theme   | Number of hours |                   |                 |
|---|-----------------|-------------------|-----------------|
|   | Lecture         | Practice sessions | Individual work |
| <b>Subdivision "Urgent abdominal surgery"</b>   |                 |                   |                 |
| Theme 1. Acute appendicitis. Atypical clinical picture of acute appendicitis.                   | 2               | 3                 | 2               |
| Subject 2. Acute cholecystitis.   | 2               | 3                 | 2               |
| Subject 3. Complications of acute cholecystitis.  |                 | 3                 | 3               |
| Theme 4. Etiology and pathogenesis, classification of acute pancreatitis.                       | 2               | 3                 | 2               |
| Subject 5. Complications of acute pancreatitis.   |                 | 3                 | 2               |
| Subject 6. Chronic pancreatitis.  |                 | 3                 | 2               |
| <b>Subdivision "Surgical gastroenterology, proctology and transplantology"</b>                  |                 |                   |                 |
| Subject 7. Complications of ulcerative disease stomach and duodenum. Gastrointestinal bleeding. |                 | 3                 | 3               |
| Theme 8. Acute intestinal obstruction.  | 2               | 3                 | 2               |
| Theme 9. Etiology and pathogenesis, classification of acute peritonitis.                        |                 | 2                 | 3               |
| Subject 10. Classification of abdominal hernias.  | 2               | 2                 | 2               |
| Theme 11. Liver disease.  | 1               | 3                 | 2               |



# SYLLABUS



## 6 Structure of discipline

| Theme  | Number of hours |                   |                 |
|--|-----------------|-------------------|-----------------|
|  | Lecture         | Practice sessions | Individual work |
| Theme 12. Absences and liver cysts.          | 1               | 2                 | 2               |
| Theme 13. Diseases of the small and colon.   | 2               | 3                 | 3               |
| Theme 14. Diseases of the rectum and crotch. |                 | 2                 | 3               |
| Subject 15. Protection of medical history.   |                 | 2                 | 4               |
| <i>Total hours</i>                           | 14              | 40                | 36              |
| <b>Final control</b>                         | Passed          |                   |                 |

## 9 Signs of discipline

| Term of teaching | Semester | International disciplinary integration | Course of the year (training) | Cycles: General Training/ Training/ Free Choice |
|------------------|----------|--|-------------------------------|---|
| 1 semester       | VII      | yes                                    | IV                            | General Training Cycle                          |

## 10 Rating system and requirements

The current success of students is estimated on a 4-point scale (2; 3; 4; 5) at each practical level, taking into account the approved evaluation criteria for the relevant discipline. The student must receive an assessment on each topic for further conversion of grades into scores on a multi-point (200-point) scale.

Evaluation criteria for current academic activities:

Excellent ("5") – the student correctly answered 90-100% of A-format tests (from the "Krok-2" database).

Good ("4") - the student correctly answered 70-89% of tests format A. Has the necessary practical skills and techniques for their implementation to the extent exceeding the required minimum.

Satisfactory ("3") - the student correctly answered 50-69% of tests format A. Has only a mandatory minimum of research methods.

Unsatisfactory ( "2") - the student correctly answered 50% of the tests format A. During the response and demonstration of practical skills makes significant, gross mistakes.

Evaluation of students' independent work on preparation for classroom practical classes is carried out during the current control of the topic at the appropriate classroom.

Semester scoring is rated on a two-point scale (enrolled/not counted) and on a 200-point scale by determining the average arithmetically for each practice session on a 4-point scale and its subsequent conversion into a 200-point scale. The minimum number of points that an applicant must score is 120.

The final control of knowledge in the discipline is carried out in the form of a test.

<https://ieu.edu.ua/docs/rate-of-study.pdf>



# SYLLABUS



## 11 Conditions of admission to final control

Students who have completed all types of work, tasks provided by the curriculum for a semester in accordance with the academic discipline are admitted to semesterfinal control, visited all classes provided for by the curriculum, wrote and passed the medical history and have an average score for the current academic activity of at least "3" (72points and on a 120-point scale).

<https://ieu.edu.ua/docs/rate-of-study.pdf>

## 12 Discipline policy

The policy of academic discipline is determined by the requirements that scientificpractical staff present to the applicants in the study of discipline.

The student must come to class on time, be dressed in an academic medical uniform (white robe or surgical suit). The student must adhere to the schedule of the educational process, come to classes prepared on the topic of the lesson. During the class, the student should not leave the classroom without the permission of the teacher; use during classes mobile phone and other means of communication and obtaining information without the permission of the teacher, engage in third-party activities, distract other students. When writing different types of works, the student must adhere to the rules of academic integrity.

The teacher must adhere to the implementation of the educational and thematic plan, objectively evaluate the knowledge and skills of students. During the educational process, the teacher should remember about anti-corruption measures and not conduct corruption activities.

## 13 Policy on skipping classes and completing tasks after the deadline

The student, who, for good reasons, confirmed documented, was not subject to the current control of the masses the right to undergo current control within two weeks after returning to study.

A student who was absent from classes without good reason, did not participate in current control measures, did not eliminate academic debt, is not allowed to final semester control of knowledge in this discipline, and on the day of passing the exam in the examination information, the scientific and pedagogical staff is assessed "unacceptable". Re-preparation of a differentiated test in the discipline is appointed subject to the implementation of all types of educational, independent (individual) work provided for by the working curriculum of the discipline and is carried out in accordance with the schedule of liquidation of academic debt approved by the Director.

<https://ieu.edu.ua/docs/050.pdf>

## 14 Academic Integrity Policy

Participants of the educational process are guided by the principles of academic integrity

<https://ieu.edu.ua/docs/011.pdf>

## 15 Recommended sources of information

### Main literature:

1. Zakharash MP, Poida OI, Kucher MD Surgery: a textbook. - К .: Медицина, 2006. - 656 с.
2. Schein`s Common Sense Emergency Abdominal Surgery / by Moshe Schein, Paul N Rogers, Ari Leppaniemi / 2016. 650 p.
3. Bereznytsky JS, Zakharash MP, Mishalov VG, Shidlovsky VO Surgery, Tom I. - 2006, Textbook.
4. Bereznytsky JS, Zakharash MP, Mishalov VG Surgery, Volume II. - 2007, Textbook.
5. Ivashchenko VV Hospital surgery (selected lectures) Donetsk, 2001. - 477 p.



# SYLLABUS



15

## Recommended sources of information

6. Lectures on hospital surgery in 3 volumes. Edited by Professor VG Mishalova. "Scientific Thought", Kyiv, 2003.
7. Radzikhovsky AP, Babenko VI Emergency surgery of the abdominal cavity. Kyiv. Phoenix, 2002. - 319 p.

16

## Tips for successful training on the course

If you want to be successful in this discipline, then you must:

1. Be active, persistent, inquisitive, consistent
2. Be tidy and polite
2. Systematically prepare for practical classes
3. Perform tasks for independent work and protect them in the classroom.
3. Attend the class in a medical gown
4. Independently solve tests and tasks, actively work in the classroom.
5. Prepare presentations and crossword puzzles in the discipline. Participate in student scientific conferences and engage in research work in scientific circles of the department.

I wish you perseverance, dedication and motivation to study. . and then success will come to you!  
Don't forget your medical gowns!