

SYLLABUS

INTERNATIONAL EUROPEAN
UNIVERSITY



**SCHOOL OF
MEDICINE**

Urology

2021



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Discipline 

 Urology

Lecturer 



Lecturer's profile 



Consultations:

On-campus  third Monday of the month from 3 p.m. till 4 p.m.

Online consultations  fourth Wednesday of the month from 3 p.m. till 4 p.m.

Contact number 



E-mail 



Discipline page 



Form of final control	final test	grading test	exam
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1 Brief discipline annotation

Urology is an academic discipline that allows understanding the concept of interaction between urogenital system organs and other body systems. It lays the foundation for applying acquired knowledge in activities aimed at solving complex problems of science and practical medicine.

2 Background for studying discipline

The educational program of the discipline is based on students' learning of medical and biological physics, human anatomy, microbiology, virology and immunology, histology, cytology and embryology, physiology, surgery, pathomorphology, radiology, neurology, ophthalmology, phthisiology.

3 Goal and objectives of the discipline

The goal of learning the academic discipline is to explore methods of diagnostics, treatment and prevention of urinary and male genital organs diseases, and primarily the most common ones of them.

Objectives of the discipline: to establish a system of knowledge, professional skills, teaching skills, research and innovative activities, practical skills while managing urological patients.

4 Learning outcomes

Learning the discipline, students should:

Know:

- clinical anatomy, physiology and examination methods of urinary and male genital organs;
- etiological and pathogenetic factors of urinary and male genital organs diseases.

Be able to:

- make a provisional diagnosis of the most common urological diseases;
- define a strategy for managing patients with common urinary and male genital organs diseases;
- diagnose and provide emergency medical care to patients with urological pathology;
- use core principles of preventing urological diseases.

5 ECTS credits

3 credits / 90 academic hours

6 Discipline structure

Topic	Amount of hours			
	Lectures	Practical training	Self-study	Individual work

Informative module 1. Clinical anatomy, physiology, examination methods and development defects of urinary and male genital organs

Clinical anatomy and physiology of urinary organs. Development defects of urinary organs. Nephroptosis. Semiotics of urological diseases. Contemporary endoscopic methods of diagnostics and treatment in urology.		4	4	
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Discipline structure

Topic	Amount of hours			
	Lectures	Practical training	Self-study	Individual work
Informative module 2.				
Inflammatory diseases and urinary stone disease				
Acute pyelonephritis. Chronic pyelonephritis, nephropathy, retroperitoneal fibrosis, acute paranephritis. Nephrogenic arterial hypertension.	2	4	8	
Cystitis, prostatitis, urethritis, cavernitis, epididymitis.		4	6	
Tuberculosis of urinary tract and male genital organs. Parasitic diseases in urology. Urinary stone disease, hydronephrosis.	2	4	8	
Informative module 3.				
Traumatic injuries and neoplasms of urinary and male genital organs				
Traumatic injuries. Neoplasms		4	6	
Acute and chronic kidney disease	2	4	6	
Informative module 4.				
Emergency aid during urinary and male genital organs diseases				
Emergency aid during urinary and male genital organs diseases. Female urogenital fistulas.	2	4	7	
Self-study			5	Minimally invasive treatment methods of urinary tract, urinary bladder and prostatic gland diseases (according to hospital materials)
Grading test		4		
Total hours:	8	32	50	



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7 Discipline features

Period of teaching	Semester	International discipline integration	Year of study	Courses: general training/ professional training/ elective
1 semester	VII	available	4th year	General training course

8 Assessment system and requirements

Current student performance is assessed according to the 4-point scale (2; 3; 4; 5) during every practical class given the approved assessment criteria for a corresponding discipline. Students should obtain a grade in each topic for further conversion of grades into scores due to the multi-point (200-point) scale.

Assessment criteria of current learning activities:

Excellent (5) – students answer correctly to 90-100% of A-format tests (from the Krok-2 database); solve case problems and can generalize the material.

Good (4) – students answer correctly to 70-89% of A-format tests; have necessary practical skills and techniques of their performance in the volume exceeding the required minimum.

Satisfactory (3) – students answer correctly to 50-69% of A-format tests; have an obligatory minimum of research methods.

Failure (2) – students answer correctly to 50% of A-format tests, make significant, serious mistakes while answering and showing practical skills.

Students' individual work related to preparations for practical classroom activities is assessed during current control of a topic during a corresponding class.

A semester test is assessed due to the two-point scale (pass/fail) and 200-point scale by defining the arithmetic average of current grades for each practical class due to the 4-point scale and by its further conversion into scores of the 200-point scale. Minimum amount of scores that should be obtained by students: 120.

The final control of knowledge in the Urology discipline is conducted in the form of grading test. The grading test is conducted in the form of oral questioning according to grading test questions.

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

9 Admission to final control

Students who accomplish all types of works, tasks prescribed by the curriculum for the semester according to the academic discipline, answer during all classes stipulated by the curriculum, prepare a medical report and have the average grade of at least 3 (72 scores according to the 120-point scale) for current learning activities are admitted to the semester final control.

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

10 Discipline policy

To achieve learning objectives and successfully complete the course, you should be actively involved in the training process from the first day, regularly attend lectures, prepare in advance for practical classes, not be late, not miss classes, wear a doctor's gown during classes, perform all necessary tasks and work daily on self-advancement, be able to work with a partner or in a team, ask for help and accept it if needed.

For students:

- do not miss practical training without valid reasons;



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Discipline policy

- to ensure cooperation between the lecturer and students and adhere to the principle of solidarity while learning the discipline;
- to take part in scientific groups;
- topics of the academic discipline are considered from the perspective of their practical application and bioethical capability;
- to wear doctor's gowns during classes.
- you are not allowed to leave the classroom without lecturer's permit;
- you are not allowed to use mobile phones and other means of communication, as well as obtain information without lecturer's permit;
- you are not allowed to carry out unrelated activities, distract other students and disturb the lecturer;
- you are not allowed to take narcotic drugs, psychoactive substances and their analogues, alcoholic beverages at the Department, smoke in the territory at the university and stay in the territory of the university under the influence of alcohol, narcotic drugs or other intoxication;
- you are not allowed to commit unlawful and amoral acts that can endanger health and/or life of people around and that humiliate human dignity, as well as to use abusive language.

For lecturers:

- fulfillment of the syllabus is obligatory;
- coming late to lectures, seminars and practical training is not allowed;
- the discipline policy implies objective assessment of knowledge and skills;
- any forms of corruption activities are forbidden;
- prejudiced attitude and discrimination regardless of the race, ethnic origin and religious beliefs are not allowed.

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Policy of absence and late task performance

Students who miss current control for valid reasons confirmed by documents have the right to take current control within two weeks after returning to studying.

Students who have missed classes without valid reasons, have not participated in current control activities, have not liquidated academic failure are not admitted to final semester control of this discipline. In this case, an academic staff member puts a mark 'non-admission' in the exam record.

Repeated taking of the grading exam of the discipline is appointed in case of accomplishing all types of educational, individual work stipulated by the working program of the academic discipline and is carried out according to the approved schedule of academic failure liquidation.

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

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Academic integrity policy

Participants of the educational process rely on the academic integrity principles

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

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Recommended sources of information

Basic

1. Kwiatkovskaya T. A. Structure and function of the upper urinary tract: monograph [Text] / Kwiatkovskaya T.A.- Dnepropetrovsk: RIA Dnepr-VAL, 2015.- 414pp.
2. Kolpakov IS Stone disease: student assistance [Text] / Kolpakov IS- M .: Akademia, 2016.- 222 pp



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Recommended sources of information

3. Forest VM, Arkatov AV, Knigavko OV Male infertility: etiopathogenesis, diagnosis, treatment. H .: KhNMU. - 2011. - 128 p.
4. Urology. Current protocols of medical care provision: scientific and medical publication / for ed. Professor S.P. Pasechnikov. — Vynnytsa: "New Book", 2015. — 432 p
5. Aubyan I. A.Mochekamennaya pain in tablets and schemes: informs. Affairs. [Text] / Abodyan I.A., Sknar V.A.- Rostov n/D, 2015.- 196 p.
6. Akker, L. V. Hyperactive woman's ishuria in reproductive, peri- and menopause periods / L. V. Acker, A. I. Neimark, I. A. Fedorova, E. A. Klyzhina. - M.: Honey. inform. agency, 2015. . - 176 p.

Additional:

1. Alyaev Yu.G., Krapivin AA Kidney resection for cancer.- M .: Medicine, 2001.
2. Urology. Current protocols of medical care provision: scientific and medical publication / for ed. Professor S.P. Pasechnikov. - Vynnytsa: "New Book", 2015. - 432 p.

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Tips on successful study during the course

If you want to succeed in this discipline, you should:

- attend classes, work hard, be confident, conscious, creative and active;
- communicate with a lecturer regarding all issues of the educational program;
- accomplish tasks according to the program;
- write abstracts on program topics;
- discuss topics and tasks in groups beyond class hours;
- use online resources.

We wish you insistence, goal commitment and motivation to study. And you'll definitely succeed! See you at classes! Don't forget about gowns!