

AZERBAIJAN MEDICAL UNIVERSITY
WORKING EDUCATION PROGRAM
for the subject
SURGICAL DISEASES
(SYLLABUS)

"APPROVED BY"
Head of III Department of Surgical Diseases Prof.
F.H. CAMALOV
Signature _____
"_____" _____ 20/2021years

CODE OF THE subject: 3213.01

SUBJECT: Compulsory

TEACHING SEMESTER OF THE SUBJECT: VII-VIII

SUBJECT CREDIT:

SUBJECT EDUCATION: The master

TEACHING LANGUAGE OF THE SUBJECT: Azerbaijani, Russian, English

TEACHING THE subject

TEACHERS:

- | | |
|---|------------------------------------|
| 1 Prof. Jamalov Fariz Hidayat o. | 20 Assoc. Aliyev Alovzat Habib |
| 2 Prof. Ibrahimli Shakir Feyruz o. | 21 Ass. Eyvazova Kamala Alikram |
| 3 Prof. Veliyev Nizami Ahmad o. | 22 Ass. Rzayev Ziyaly Isa. |
| 4 Prof. Akhundov Idris Turgut o. | 23 Ass. Shafiyev Imran Ali o. |
| 5 Prof. Iskandarov Firdovsi Iskander o. | 24 Ass. Gasimov Azer Shimid o |
| 6 Prof. Nasirov Mammad Yahya o. | 25 Ass. Akyuz Dilara Akif |
| 7 Prof. Mammadov Alikram Mustafa o | 26 Ass. Abdiyeva Gully Khanlar q. |
| 8 Assoc. Mursalov Mazahir Mursal o. | 27 Ass. Rustamova Arzu Bahram q. |
| 9 Assoc. Aliyev Shafa Khanoglan o. | 28 Ass. Rahimli Shabnam Ibrahim q. |
| 10 Assoc. Panahov David Mahammad | 29 Ass. Faracli Vugar Firudin |
| 11 Assoc. Tahirova Zemfira Aslan q. | 30 Ass. Aliyev Aydin Hatam o. |
| 12 Assoc. Huseynov Shahin Gurshad o. | 31 Ass. Abdullayev Aslan Jamil o. |
| 13 Assoc. Hamzaev Sadiq Mahmud o. | 32 Ass. Nabiyeva Elnara Vagif |
| 14 Assoc. Rahimov Valeh Aladdin. | 33 Ass. Latifova Lala Varga |
| 15 Assoc. Ramazanov Jumshud Nusrat | 34 Ass. Amirov Telman Jalal o. |
| 16 Assoc. Sultanov Asadullah Pasha. | |
| 17 Assoc. Hajiyev Sabir Hafiz o. | |
| 18 Assoc. Ahmadov Korkmaz Khamis o. | |

CONTACT DETAILS:

E-MAIL: chair3cerrahikafedراسi@yandex.ru

HEAD OF EDUCATIONAL SECTION: Mursalov Mazahir Mursal o.: 050-646-46-54

PREREQUISITES: For the learning of the subject, learning of anatomy, physiology, pathophysiology, pathological anatomy and general surgery are required.

COREQUISITES: There is no need to teach other subjects at the same time with teaching of this subject.

COURSE DESCRIPTION: In this course are studied the etiology, pathogenesis, clinical presentation, diagnosis and treatment of surgical diseases. In military and field surgery are studied the types of gunshot wounds, their diagnostics and treatment tactics. In addition, when studying the subject, the surgical diseases of all areas and organs of the body (head and neck regions, chest, abdominal cavity, extremities), as well as pathologies of cardio-respirator system, pathologies of the cardiovascular and nervous systems, their epidemiology, etiology, pathogenesis, clinical presentations and diagnostics, methods of treatment are

studied. On the subject of military-field surgery, the students are taught the features of gunshot wounds of various organs and systems of the body in modern battles, their severity, and diagnostic methods. The principles of use of instrumental and diagnostic equipment are studied, which play a role in the diagnosis of surgical diseases.

THE PURPOSE OF LEARNING THE SUBJECT: Preparation of university graduates as advanced physicians at the modern level, mastering their skills in the use of modern diagnostics and treatment, and training of highly qualified physicians for the organization of treatment of surgical diseases.

THE RESULTS OF STUDYING SUBJECTS. After completing the course on Surgical Diseases, students should be able to freely admit surgical patients, coordinate the results of objective and instrumental examinations, diagnose and should be able to direct the patients according to their profile.

TOPICS OF SUBJECT:

For Surgical Diseases:

Lecture topics:

1. Abdominal hernia
2. Appendicitis, complications
3. Gastroduodenal ulcer and complications. Gastric cancer
4. Surgical diseases of the small and large intestine
5. Diseases of the pancreas: pancreatitis, tumors, cysts, fistulas
6. Gallstone diseases, mechanical jaundice. Cholecystitis
7. Peritonitis
8. Surgical diseases of the liver.
9. Diseases of the thyroid gland
10. Diseases of the breast
11. Surgical diseases of the esophagus
12. Surgical diseases of the lungs
13. Obliterating diseases of the lower extremities
14. Acute abdomen
15. Surgical diseases of the pleura
16. Surgical diseases of the heart
17. Thrombosis and embolism
18. Diseases of peripheral veins, acute and chronic thrombophlebitis, flebotrombosis, postrombophlebitic syndrome, thromboembolism of the pulmonary arteries.
19. Preoperative methods of investigation of surgical diseases Risk Factors
20. Principles of preoperative preparations
21. Postoperative patient care
22. Postoperative complications
23. Antibiotic prophylaxis and antibiotic therapy in surgery
24. Infusion and transfusion therapy in surgery
25. CIRS (systemic inflammatory response syndrome), sepsis, septic shock
26. Surgical treatment of diabetes. Diagnostic and treatment tactics. Methods of surgical treatment. Obesity
27. Surgical endoscopy. Classification of endoscopic and laparoscopic surgeries. Indications: advantages and complications.

28. Traumatic lesions of the thoracic cavity

Topics of practical lessons:

1. Acquaintance with the history of the disease. Abdominal hernia
2. Acute and chronic appendicitis
3. Gastroduodenal ulcer and complications.
4. Gastric cancer
5. Intestinal obstruction
6. Acute and chronic cholecystitis. Mechanical jaundice
7. Acute and chronic diseases of the pancreas
8. Hemorrhoids, anal fissura, cancer
9. Benign and malignant tumors of the colon
10. Peritonitis
11. Abscess and gangrene of the lung. Acute and chronic empyema of the pleura and lung cancer
12. Diseases of the esophagus (diverticulum, cardiospasm, burns, tumors)
13. Thrombosis and embolism
14. Diseases of the lower extremities veins
15. Obliterating diseases of the lower extremity arteries
16. Diseases of the thyroid gland
17. Diseases of the breast
18. Exinococcosis of the liver and lungs
19. Spleen: Splenomegaly. Spleen tumors. Spleen injuries
20. Chest: Defects of the chest wall. Infections (osteomyelitis, chondrite). Reconstruction of the defects. Tietze syndrome. Mondor disease. Tumors.
21. Diseases of the mediastinum
22. Heart: congenital heart defects. Stenotic anomalies. Pulmonary stenosis. Aortic stenosis. Ischemic diseases. Mitral valve anomaly. Abnormalities in blood flow to the lungs. Anomalies that reduce blood flow in the lungs
23. Arteries: diseases of the peripheral arteries. Atherosclerosis. Acute arterial blockage (thrombosis, embolism)
24. Vein and lymph vessels: diseases of peripheral veins. Thrombosis of deep and superficial veins. Their complications.
25. Postrombotic syndrome
26. Adrenal gland: Surgical diseases of the adrenal gland. Primary hyperaldosteronism. Feochromasitoma.
27. Organ transplantation
28. Abdominal trauma
29. Minimally invasive interventions in surgery
30. The tactics of treatment of a patient with sepsis
31. Shock
32. Assessment of critical condition, tactics of treatment
33. Acute abdomen
34. Abdominal and chest trauma
35. Diseases of thyroid gland
36. Dysphagia
37. Mechanical jaundice
38. Intraabdominal tumors

Practical classes for 2nd year students
Faculty of Stomatology, Public health and Pharmacology (spring semin.)

No.	Theme name	Hours
1	Tasks and organizational structure of the civil defense medical service	2
2	Medical and tactical characteristics of lesions arising in emergency situations	2
3	Organization of medical measures in case of threat of enemy attack	2
4	Organization of medical support in case of anticipated natural disasters, major accidents or military hazards	2
5	Protective structures CD	2
6	Personal protective equipment	2
7	Fundamentals of the organization of medical and evacuation support of the injured in emergency situations of the population	2
8	Assessment of emergency situations	2
9	Displacement of the population in emergency situations	2
10	Organization of first medical and first medical aid in lesions	2
11	Organization of qualified and specialized medical care	2
12	Sanitary-hygienic and anti-epidemiological measures carried out in peacetime and wartime	2
13	Provision of institutions and detachments of the medical service of civil defense with medical and sanitary, economic and special property	2
14	Training of the population and the peaceful composition of the military units	2
15	Sanitary-hygienic and anti-epidemic measures carried out in the centers of bacteriological infection.	3
	Total	31

Practical classes for IV year students
Faculty of Medicine and Prevention (autumn, spring semester)

No.	Theme name	Hours
1	Diseases of the esophagus: Methods of diagnostic examination. Types of treatment.	2
2	Achalasia. Gastroesophageal reflux disease (GERD). Barrett esophagitis. Hiatal hernia.	2
3	Perforation of the esophagus (spontaneous, iatrogenic). Foreign bodies of the esophagus.	2
4	Benign and malignant tumors of the esophagus.	2
5	Diagnostic examination of surgical diseases of the stomach, differential study	2
6	Complications of the stomach and duodenum 12. Perforation. Bleeding. Stenosis. Penetration. Malignancy. Stress ulcers (acute).	2
7	Benign and malignant tumors of the stomach.	2
8	Stomach diverticula, volvulus, bezoar. Diseases of the operated stomach.	2
9	Gastrointestinal bleeding.	2
10	Diagnosis of diseases of the small intestine.	2
11	Small intestinal obstruction.	2
12	Crohn's disease.	2
13	Benign and malignant tumors of the small intestine.	2
14	Diagnosis of diseases of the colon.	2

15	Ulcerative colitis.	2
16	Benign and malignant colon tumors.	2
17	Acute appendicitis.	2
18	Diagnosis of surgical diseases of the rectum.	2
19	Hemorrhoids, complications. Acute and chronic paraproctitis, pararectal fistulas.	2
20	Diagnosis of liver disease.	2
21	Cysts and abscesses of the liver.	2
22	Benign and malignant liver tumors.	2
23	Portal hypertension, varicose bleeding.	2
24	Acute calculous and stoneless cholecystitis.	2
25	Obstructive jaundice, choledocholithiasis, biliary tract structures, cholangitis.	2
26	Diagnostic methods for studying diseases of the pancreas.	2
27	Acute and chronic pancreatitis. Pancreas cysts.	2
28	Benign and malignant tumors of the pancreas.	2
30	Acute abdomen: diagnostic methods.	2
31	Stages of development of peritonitis (I, II, III). Intra-abdominal abscesses with diffuse and diffuse peritonitis.	2
32	Spleen, splenomegaly, hypersplenism, traumatic injuries of the spleen, abscesses.	2
33	Hernia of the anterior abdominal wall. Oblique, umbilical, femoral, white line hernia and rare types of hernias. Postoperative hernia. Classification.	2
34	Diaphragmatic hernia (paraesophageal, parasternal, retrosternal, pleuroperitoneal).	2
35	Diagnosis of bleeding from the lower digestive tract. Tactics for bleeding of the lower digestive tract. Test tasks for the program.	2
	Total	70

**Practical classes for IV year students of the Faculty of Stomatology
(autumn semester)**

No.	Theme name	Hours
1	Hernias of the anterior abdominal wall. Oblique, umbilical, femoral, white line hernia and rare types of hernias. Postoperative hernia.	2
2	Diaphragmatic hernia (paraesophageal, parasternal, retrosternal, pleuroperitoneal).	2
3	Acute and chronic appendicitis: diagnosis.	2
4	Perforated stomach and duodenal ulcers.	2
5	Diseases of the small intestine: diagnosis.	2
6	Small bowel obstruction.	2
7	Crohn's disease.	2
8	Benign and malignant tumors of the small intestine.	2
9	Diagnosis of diseases of the colon.	2
10	Ulcerative colitis	2
11	Benign and malignant colon tumors.	2
12	Diagnosis of surgical diseases of the rectum.	2
13	Acute and chronic cholecystitis.	2
14	Obstructive jaundice.	2
15	Acute and chronic diseases of the pancreas.	2
16	Acute and chronic pancreatitis. Pancreatic cysts.	2

17	Benign and malignant tumors of the pancreas.	2
18	Test tasks for the program.	1
	Total	35

**Practical classes for IV year students of the Faculty of Stomatology
(spring semester)**

No.	Theme name	Hours
1	Heart disease. Congenital and acquired heart defects.	2
2	Ischemic heart disease.	2
3	Pericarditis.	2
4	Abscess and gangrene of the lung.	2
5	Acute and chronic pleural empyema: Benign and malignant tumors.	2
6	Diseases of the thyroid gland: etiology, pathogenesis, clinical picture, diagnosis and treatment)	2
7	Hashimoto Riedel's goiter.	2
8	Thyroidites and strumites.	2
9	Diseases of the esophagus (diverticula, cardiospasm, tumors).	2
10	Burns of the esophagus. First aid. Doctor's tactics. Treatment.	2
11	Surgical liver diseases (cirrhosis, cysts).	2
12	Portal hypertension.	2
13	Echinococcosis. Echinococcosis of the liver.	2
14	Traumatic injury to the spleen.	2
15	Diseases of the breast: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
16	Transplantology	2
17	Complications of stomach ulcers and 12 duodenal ulcers.	2
18	Gastroduodenal bleeding	2
19	Diseases of the pancreas: acute and chronic pancreatitis	2
20	Appendicitis.	2
21	Blunt abdominal trauma: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
22	Peritonitis: etiology, pathogenesis, classification, clinical picture, diagnosis.	2
23	Basics of providing assistance to the wounded during battles	2
24	In case of bleeding accompanied by large blood loss from gunshot wounds. Assistance provided.	2
25	Traumatic shock and prolonged compression syndrome. Damage to surrounding organs and tissues with gunshot wounds, doctor's tactics.	2
26	Thermal damage. Assistance provided	2
27	Injury to the skull and brain	2
28	Open and closed injuries of the abdominal cavity. Open and closed chest injuries.	2
30	Obliterating diseases of the vessels of the lower extremities: etiology, clinical picture, diagnosis and treatment.	2
31	Obliterating diseases of the veins of the lower extremities: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
32	Postthrombophlebitis syndrome	2
33	Test tasks according to the program	2
	Total	65

**Practical classes for IV year students of the faculty
Public health
(spring semester)**

No.	Theme name	Hours
1	Hernia of the anterior abdominal wall	2
2	Oblique, umbilical, femoral, white line hernia and rare types of hernias. Postoperative hernia.	2
3	Diaphragmatic hernia (paraesophageal, parasternal, retrosternal, pleuroperitoneal)	2
4	Acute appendicitis: etiology, pathogenesis, clinical picture, diagnosis, complications	2
5	Acute appendicitis: complications	2
6	Chronic appendicitis: etiology, pathogenesis, clinical picture, differential diagnosis and treatment	2
7	Indications for surgery for chronic appendicitis	2
8	Surgical diseases of the stomach: diagnosis.	2
9	Complications of ulcer and duodenal ulcer. Perforation. Bleeding. Stenosis. Penetration. Malignancy. Stress ulcers	2
10	Benign and malignant tumors of the stomach	2
11	Gastric diverticula, volvulus, bezoar. Postoperative syndromes.	2
12	Gastrointestinal bleeding.	2
13	Acute intestinal obstruction: classification, (dynamic and mechanical) and surgical tactics.	2
14	Acute intestinal obstruction: differential diagnosis and indications for surgery	2
15	Acute and chronic diseases of the pancreas.	2
16	Acute and chronic pancreatitis. Pancreatic cysts	2
17	Benign and malignant tumors of the pancreas	2
18	Abscess, gangrene and echinococcosis of the lungs	2
19	Acute and chronic pleural empyema: benign and malignant tumors.	2
20	Colon disease: diagnosis	2
21	Ulcerative colitis	2
22	Benign and malignant tumors of the colon	2
23	Mechanical intestinal obstruction (obstructive and strangulated): classification	2
24	Diseases of the veins and arteries of the lower extremities	2
25	Thrombosis and embolism	2
26	Varicose veins	2
27	Post-thrombophlebitis syndrome	2
28	Goiter. Thyrotoxicosis. Diseases of the breast.	2
30	Surgical liver diseases, acute and chronic cholecystitis, obstructive jaundice	2
	Total	60

**Practical classes for V year students
Faculty of Medicine and Prevention (autumn, spring semester)**

No.	Theme name	Hours
1	Diagnostic methods for diseases of the chest	2
2	Hernia of the lung, infections (osteomyelitis, chondritis)	2

3	Mondor's disease. Tietze's syndrome, chest wall tumors	2
4	Purulent pleurisy	2
5	Pneumothorax. Hemothorax. Chylothorax	2
6	Lung abscess. Bronchoectasis	2
7	Solitary lung cysts, pulmonary hemorrhage, cancer	2
8	Acute and chronic mediastitis. Vena cava syndrome	2
9	Carcinoma of thymoma and thymus, tracheoesophageal fistulas. Neurogenic tumors	2
10	Congenital and acquired heart defects. Stenotic anomalies.	2
11	Ischemic heart disease. Mitral valve abnormalities. Abnormalities of the lungs causing increased and decreased bleeding.	2
12	Acute ischemia	2
13	Chronic ischemia	2
14	Varicose veins	2
15	Deep vein thrombosis	2
16	Thromboembolism. Pulmonary thrombosis	2
17	Diagnosis of breast diseases. Acute lactation mastitis	2
18	Fibrous diseases of the breast. Mastalgia. Traumatic damage to the nipple and their discharge	2
19	Benign and malignant breast tumors	2
20	Diagnosis of thyroid disease	2
21	Nodular goiter of the thyroid gland. Hyperthyroidism. Thyrotoxicosis. Graves' disease.	2
22	Benign and malignant tumors of the thyroid gland	2
23	Primary hyperparathyroidism. Parathyroid adenoma	2
24	Adrenaline diseases	2
25	Disease of the islet apparatus of the pancreas, insulinoma. Gastrinoma	2
26	Organ transplantation. Selection of a living donor, patient introduction after transplantation, immunosuppression, rejection, heart transplantation	2
27	Kidney transplantation, indications, postoperative complications	2
28	Liver transplantation, indications, postoperative complications	2
29	Diagnosis of chest injuries	2
30	Principles of chest treatment	2
31	Diagnostics for traumatic abdominal injuries	2
32	Principles of treating abdominal trauma	2
33	Minimally invasive methods in surgery	2
34	Indications and contraindications for bariatric metabolic surgery	2
35	Bariatric metabolic surgery. Test tasks for the program.	2
	Total	70

**Practical classes for students of the VI course
Faculty of Medicine and Prevention
(autumn, spring sem.)**

No.	Theme name	Hours
1	Classification of wounds, treatment tactics	6
2	Tactics of sepsis treatment. Efferent therapy	6

3	Shock: etiology, pathogenesis, clinical picture, diagnosis, treatment.	6
4	Assessment of critical condition, treatment tactics	6
5	Acute abdomen: etiology, pathogenesis, clinical picture, diagnosis, treatment.	6
6	Diagnosis of gastrointestinal bleeding. First aid, treatment tactics.	6
7	Acute intestinal obstruction: diagnosis, treatment tactics	6
8	Injuries and their etiology, first aid, treatment	6
9	Injuries of the chest and abdomen: diagnosis, treatment tactics	6
10	Disease of the thyroid gland: etiology, diagnosis, treatment	6
11	Etiology of lung tumors, diagnosis, treatment	5
12	Dysphagia: etiology, diagnosis, treatment.	5
13	Obstructive jaundice: etiology, diagnosis and treatment	5
14	Intra-abdominal tumors: diagnosis, treatment tactics	5
15	Diagnostics and treatment of liver tumors	5
16	Tumors of the spleen: diagnosis and treatment	5
17	Ischemic heart disease: diagnosis and treatment tactics	5
18	Obliterating vascular diseases of the lower extremities: clinical picture, diagnosis, treatment tactics. Obliterating diseases of the veins of the lower extremities: clinical picture, diagnosis, treatment tactics . Free topic. Test tasks for the program	5
	Total	100

**Practical classes for students of the VI course
Faculty of Medicine and Prevention
Chest (autumn, spring sem.)**

No.	Theme name	Hours
1	Sliding hiatal hernia: classification, etiology, diagnosis, treatment. Reflux esophagitis. Surgery.	7
2	Gastrointestinal bleeding. Endoscopic treatment	7
3	Choledocholithiasis. Laparoscopy: examinations and treatment methods.	7
4	Postcholecystectomy syndrome. TEPS (transgular enterohepatic post-systemic shunting)	6
5	Postresection syndrome	6
6	Free theme. Test tasks for the program	6
	Total	39

**Lectures for 2nd year students
Faculty of Stomatology, Public health and Pharmacology (spring semin.)**

No.	Theme name	Hours
1	Civil defense in emergency situations. The role and tasks of civil defense in modern conditions	2
2	Emergencies arising in peacetime and wartime	2
3	Assessment of conditions (situations that have arisen in emergency situations)	2
4	Elimination of the consequences of natural disasters and major accidents, organization of medical support for the population	2
5	Basics of organizing medical and evacuation support for the affected population in emergency situations	2
6	Organization of protection of the population in emergency situations	2
7		2

	Resettlement of the population in emergency situations. Training of the population and personnel of paramilitary units	
	Total	14

**Lectures for IV year students of the Faculty of Medicine and Prevention
(autumn, spring sem.)**

No.	Theme name	Hours
1	Diseases of the esophagus: etiology, pathogenesis, clinical picture, diagnosis and treatment.	2
2	Diseases of the stomach and duodenum 12: etiology, pathogenesis, clinical picture, diagnosis and treatment.	2
3	Diseases of the small intestine: etiology, pathogenesis, clinical picture, diagnosis and treatment.	2
4	Diseases of the colon: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
5	Liver diseases: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
6	Diseases of the biliary tract: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
7	Diseases of the pancreas: thiology, pathogenesis, clinical picture, diagnosis and treatment	2
8	Diseases of peritonitis: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
9	Diseases of the abdominal wall: etiology, pathogenesis, clinical picture, diagnosis and treatment	2
10	Acute abdomen: etiology, pathogenesis, clinical picture, diagnosis and treatment.	2
	Total	20

**Lectures for IV year students of the Faculty of Stomatology
(fall semester)**

No.	Theme name	Hours
1	Abdominal hernia: classification, etiology, clinical picture, diagnosis and treatment tactics.	2
2	Acute appendicitis: etiology, clinical picture, differential diagnosis and treatment tactics	2
3	Diseases of the stomach and duodenum 12: etiology, pathogenesis, clinical picture, diagnosis and treatment tactics	2
4	Echinococcosis of the liver. Diseases of the biliary tract: etiology, clinical presentation, diagnosis, complications and treatment	2
5	Surgical diseases of the small and large intestine: etiology, clinical picture, diagnosis and treatment. Peritonitis: classification, etiology, clinical picture, diagnosis and treatment.	2
	Total	10

**Lectures for IV year students of the Faculty of Stomatology
(spring semester)**

No.	Theme name	Hours
1	Diseases of the esophagus and thyroid gland: etiology, pathogenesis, clinical picture, diagnosis and treatment	2

2	Diseases of the breast (mastopathy, cancer and benign tumors). Lung diseases: abscesses and gangrene. Bronchiectasis	2
3	Diseases of the arteries and veins of the lower extremities. Complications of thromboembolism	2
4	Diseases of the pancreas, acute and chronic pancreatitis: clinical picture, diagnosis and treatment	2
5	The basis of the organization in the provision of surgical care with wounds received in battles. Gunshot wounds, bleeding, blood loss. Traumatic shock and prolonged compression syndrome. Damage to surrounding organs and tissues with gunshot wounds, doctor's tactics. Thermal damage. Damage to the skull and brain. Open and closed injuries of the abdominal cavity and chest	2
	Total	10

**Lectures for IV year students of the Faculty of Public Health
(spring semester)**

No.	Theme name	Hours
1	Abdominal hernia	2
2	Acute and chronic appendicitis	2
3	Peritonitis	2
4	Complications of stomach ulcers and 12 duodenal ulcers	2
5	Intestinal obstruction: classification, diagnosis, clinical picture and treatment	2
6	Acute and chronic diseases of the pancreas	
7	Diseases of the colon: benign and malignant tumors	
8	Abscess, gangrene and echinococcosis of the lung. Acute and chronic pleural empyema: benign and malignant tumors	
9	Diseases of the esophagus (diverticula, cardiospasm, burns, tumors).	
10	Paraproctitis, rectal pubescence, hemorrhoids	
11	Diseases of the veins and arteries of the lower extremities	
12	Thrombosis and embolism	
13	Goiter. Thyrotoxicosis: classification, etiology, pathogenesis, diagnosis and treatment	
14	Diseases of the breast: etiology, pathogenesis, diagnosis	
15	Surgical liver diseases, acute and chronic cholecystitis, obstructive jaundice	
	Total	30

**Lectures for 5th year students of the Faculty of Medicine and Prevention
(autumn, spring sem.)**

No.	Theme name	Hours
1	Surgical diseases of the pleura: etiology, pathogenesis, clinical picture, diagnosis, treatment tactics	2
2	Surgical lung diseases: etiology, pathogenesis, clinical picture, diagnosis, treatment tactics	2
3	Surgical heart diseases: clinical picture, diagnostics, treatment tactics.	2
4	Traumatic chest injuries and postoperative complications, treatment tactics	2
5	Diseases of peripheral vessels. Thrombosis, embolism: etiology, pathogenesis, clinical picture, diagnosis, treatment	2

6	Surgical vein diseases, acute and chronic thrombophlebitis, phlebothrombosis, pulmonary embolism, treatment tactics	2
7	Post-thrombophlebitis syndrome	2
8	Surgical breast cancer	2
9	Thyroid gland and its lesions	2
10	Transplant	2
	Total	20

**Lectures for 6th year students of the Faculty of Medicine and Prevention
(autumn, spring sem.)**

No.	Theme name	Hours
1	Methods of diagnosis in the preoperative period, the principles of preoperative preparation. Risk factors.	2
2	Prophylaxis of antibiotic therapy in surgery, infusion and transfusion therapy	2
3	SBRIP (syndrome of the body's reaction to the inflammatory process). Efferent therapy methods	2
4	Treatment of surgical patients with diabetes mellitus. Diagnostic and treatment tactics. Obesity	2
5	The role of endoscopy in surgery. Classification of endoscopic and laparoscopic examinations in surgical patients. Indications: local application of the technique, complications	2
	Total	10

**Lectures for 6th year students of the Faculty of Medicine and Prevention
(autumn, spring sem.)**

No.	Theme name	Hours
1	Traumatic chest injuries: etiology, diagnosis, treatment principles.	2
2	Postoperative complications of surgical lung diseases: diagnosis and treatment tactics.	2
3	Traumatic injuries of the abdominal organs: causes, diagnosis, principles of treatment	2
	Total	6

CONTENTS OF THE LECTURES ON SUBJECT: An electron version of the lectures on all subjects on the subject of Surgical Diseases is available in the section of the university website. The electronic version of the sample test questions is placed in the virtual test center of the University.

ASSESSMENT: Getting 100 points to earn a subject credit will be as follows:

50 points - up to the exam

Including:

10 points - course attendance

10 points - freelance work

30 points are the points you will earn from the lessons of curation.

There will be three colloquiums (minimum 3) during the semester. If you do not participate in the colloquium, the score will be 0 (zero) points.

50 points - will be collected on the exam.

The exam will be conducted by test method. The test will consist of 50 questions. Each question is 1 point.

Wrong answer questions will erase the scores of the questions answered correctly.

NOTE: If a minimum 17 points will not be collected ,the points earned up to exam will not be summarized. The scores collected before and during the exam are summarized and the final score is evaluated as follows:

A - "Excellent" - 91-100

B - "Very good" - 81- 90

C - "Good" - 71- 80

D - "Enough" - 61-70

E - "Satisfactory" -51- 60

F - "Insufficient" - less than 51 points

NOTICE: 10 free work assignments are given during the semester. Performance of each task is estimated at 1 point.

A free work written Word file must contain 1-2 pages (12 fonts).

Plagiarism is unacceptable because each free work is a combination of a student's own ideas.

THE TOPICS OF THE FREE WORKS AND TIME OF FINAL DELIVERY

1. Abdominal hernia
2. Appendicitis, complications
3. Gastroduodenal ulcers and their complications
4. Malignant tumors of the large intestine
5. Acute pancreatitis
6. Acute Cholecystitis
7. Peritonitis
8. Exinococcus of the liver
9. Nodular toxic gouter
10. Tumors of the breast

Free works must be delivered before the end of the course. Subsequent filings will not be considered regardless of the reason for the free works.

The results of free work are recorded in the journal.