



**INTEGRATED ACADEMIC STUDIES OF
MEDICINE**

FIFTH YEAR OF STUDIES

School year 2023/2024.

Surgical pathology

Subject:

SURGICAL PATHOLOGY

The course is evaluated with 3 ECTS. There are 3 hours of active classes per week (2 hours of lectures, 1 hour of work in a small group).

TEACHERS AND ASSOCIATES:

	Name and surname	Email	Vocation
1.	Milena Vuletic	milena.vuletic@gmail.com	assistant professor
2.	Milena Ilic	lena.ilic@gmail.com	assistant
3.	Milica Mijovic	milicavancetovic@yahoo.com	professor
4.	Milica Dimitrijevic Stojanovic	milicadimitrijevic@yahoo.com	assistant

COURSE STRUCTURE:

	The name of the segment	weeks	Lectures weekly	Work in a small group per week	Teacher - head of the segment
1	Tumor diagnosis	15	2	1	Asst. Prof. Milena Vuletic

EVALUATION:

By fulfilling the pre-examination obligations and passing the final exam, the student can achieve a maximum of 100 points. The final grade is formed on the basis of the number of points gained in the following ways:

PRE-EXAM ACTIVITIES

In this way, the student can acquire up to 30 points; in a special part of the work in a small group, answers two exam questions from that week of classes and receives 0-2 points in accordance with the demonstrated knowledge.

FINAL EXAM

The final exam is organized as a final test. In this way, a student can earn up to 70 points. The test consists of 35 questions. Each question is worth 2 points. If the student achieves 36 or more points on the test, the final exam has been passed. A student has the right to take the final test if he has achieved more than 50% points in the pre-exam activities. Postponed passing of the final test (in the following exam periods) does not reduce the number of points is defined by the final grade.

MAXIMUM POINTS			
	Activity during class	Test	Σ
POINTS	30	70	100

The final grade is formed as follows

In order to pass the course, the student must obtain a minimum of 51 points in the pre-exam activities and in the final exam. In order to pass the exam, the student must:

1. Obtain more than 50% points in each form of activity (class activity)
2. Pass the final exam (test), i.e. have more than 50% correct answers.

the number of points	grade
0 - 50	5
51 - 60	6
61 - 70	7
71 - 80	8
81 - 90	9
91 - 100	10

FINAL GRADE

**Activity in class
0-30 POINTS**

EVALUATION OF ACTIVITIES

2 questions each week
Each question is worth 0-2 points

**Test
0-70 POINTS**

EVALUATION OF THE TEST

The test has 35 questions
Each question is worth 2 points

LITERATURE:

BOOK TITLE	THE AUTHOR	PUBLISHER	THE LIBRARY
Diagnostic histopathology of tumors. Fourth Edition/Volume 1.	Christopher D. M. Fletcher	Elsevier, Philadelphia. 2013.	x
Diagnostic Surgical Pathology, 7 th Edition	Mills and Sternberg	Wolters Kluwer, 2022	x
Surgical Pathology. 11th Edition, Volume 2	Rosai and Ackerman	Elsevier, Philadelphia. 2017.	x

THE PROGRAM:

TEACHING UNIT 1 (FIRST WEEK):

DIAGNOSIS OF HEART TUMORS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of heart tumors, pericardium, vascular tumors	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 2 (SECOND WEEK):

DIAGNOSIS OF TUMORS OF THE LUNGS AND PLEURA	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of lung and pleural tumors	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 3 (THIRD WEEK):

DIAGNOSIS OF TUMORS OF THE ORAL CAVITY AND SALIVARY GLANDS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the oral cavity and salivary glands	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 4 (FOURTH WEEK):

DIAGNOSIS OF ESOPHAGUS AND STOMACH TUMORS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the esophagus and stomach	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 5 (FIFTH WEEK):

DIAGNOSIS OF TUMORS OF THE SMALL INTESTINE, COLON AND ANAL TRACT	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the small intestine, large intestine and anal tract	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 6 (SIXTH WEEK):

DIAGNOSIS OF LIVER, GALLBLADDER AND BILE TRACT TUMORS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the liver, gall bladder and bile ducts	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 7 (SEVENTH WEEK)

DIAGNOSIS OF TUMORS OF THE EXOCRINE PANCREAS AND PERITONEUM	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the exocrine pancreas and peritoneum	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 8 (EIGHT WEEK):

DIAGNOSIS OF TUMORS OF THE THYROID GLAND AND PARATHYROID GLAND	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of thyroid and parathyroid tumors	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 9 (NINTH WEEK):

DIAGNOSIS OF ADRENAL GLAND AND PITUITARY TUMOR	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the adrenal gland and pituitary gland	Светлосномикроскопска анализа хистолошких препарата појединих туморских ентитета

TEACHING UNIT 10 (TENTH WEEK):

DIAGNOSIS OF TUMORS OF THE ENDOCRINE PANCREAS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the endocrine pancreas	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 11 (ELEVENTH WEEK):

BREAST TUMOR DIAGNOSIS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of breast tumors	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 12 (TWELFTH WEEK):

DIAGNOSIS OF TUMORS OF THE LYMPHORETICULAR AND HEMATOPOEIOUS SYSTEM, SPLEEN AND THYMUS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the lymphoreticular and hematopoietic system, spleen and thymus	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 13 (WEEK THIRTEEN):

DIAGNOSIS OF TUMORS OF THE MALE AND FEMALE GENITAL TRACT	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of tumors of the male and female genital tract	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 14 (FOURTEENTH WEEK):

SKIN TUMOR DIAGNOSIS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of skin tumors	Light-microscopic analysis of histological preparations of individual tumor entities

TEACHING UNIT 15 (FIFTEENTH WEEK):

DIAGNOSIS OF TUMORS OF SOFT TISSUES, OSTEOARTICULAR SYSTEM, CENTRAL, AUTONOMIC, PERIPHERAL SYSTEM AND NEUROECTODERMAL TUMORS	
lectures 2 hours	practical teaching 1 hour
Cytopathological, histopathological, histochemical and immunohistochemical diagnosis of soft tissue tumors, osteoarticular system, central, autonomic, peripheral system and neuroectodermal tumors	Light-microscopic analysis of histological preparations of individual tumor entities

WEEKLY COURSE SCHEDULE

COURSE	TUESDAY
SURGICAL PATHOLOGY (2+1)	LECTURES 10:00-11:30 (R41) Yellow halls on the right PRACTICE 14:15 - 15:00 (R31)

LESSON SCHEDULE FOR SURGICAL PATHOLOGY

week	type	method unit name	a teacher
1	L	DIAGNOSIS OF HEART TUMORS	
1	P	Light-microscopic analysis of histological preparations of individual tumor entities	
2	L	DIAGNOSIS OF TUMORS OF THE LUNGS AND PLEURA	
2	P	Light-microscopic analysis of histological preparations of individual tumor entities	
3	L	DIAGNOSIS OF TUMORS OF THE ORAL CAVITY AND SALIVARY GLANDS	
3	P	Light-microscopic analysis of histological preparations of individual tumor entities	
4	L	DIAGNOSIS OF ESOPHAGUS AND STOMACH TUMORS	
4	P	Light-microscopic analysis of histological preparations of individual tumor entities	
5	L	DIAGNOSIS OF TUMORS OF THE SMALL INTESTINE, COLON AND ANAL TRACT	
5	P	Light-microscopic analysis of histological preparations of individual tumor entities	
6	L	DIAGNOSIS OF LIVER, GALLBLADDER AND BILE TRACT TUMORS	
6	P	Light-microscopic analysis of histological preparations of individual tumor entities	

LESSON SCHEDULE FOR SURGICAL PATHOLOGY

week	type	method unit name	a teacher
7	L	DIAGNOSIS OF TUMORS OF THE EXOCRINE PANCREAS AND PERITONEUM	
7	P	Light-microscopic analysis of histological preparations of individual tumor entities	
8	L	DIAGNOSIS OF TUMORS OF THE THYROID GLAND AND PARATHYROID GLAND	
8	P	Light-microscopic analysis of histological preparations of individual tumor entities	
9	L	DIAGNOSIS OF ADRENAL GLAND AND PITUITARY TUMOR	
9	P	Light-microscopic analysis of histological preparations of individual tumor entities	
10	L	DIAGNOSIS OF TUMORS OF THE ENDOCRINE PANCREAS	
10	P	Light-microscopic analysis of histological preparations of individual tumor entities	
11	L	BREAST TUMOR DIAGNOSIS	
11	P	Light-microscopic analysis of histological preparations of individual tumor entities	
12	L	DIAGNOSIS OF TUMORS OF THE LYMPHORETICULAR AND HEMATOPOEIOUS SYSTEM, SPLEEN AND THYMUS	
12	P	Light-microscopic analysis of histological preparations of individual tumor entities	

LESSON SCHEDULE FOR SURGICAL PATHOLOGY

week	type	method unit name	a teacher
13	L	DIAGNOSIS OF TUMORS OF THE MALE AND FEMALE GENITAL TRACT	
13	P	Light-microscopic analysis of histological preparations of individual tumor entities	
14	L	SKIN TUMOR DIAGNOSIS	
14	P	Light-microscopic analysis of histological preparations of individual tumor entities	
15	L	DIAGNOSIS OF TUMORS OF SOFT TISSUES, OSTEOARTICULAR SYSTEM, CENTRAL, AUTONOMIC, PERIPHERAL SYSTEM AND NEUROECTODERMAL TUMORS	
15	P	Light-microscopic analysis of histological preparations of individual tumor entities	
		EXAM (MARCH-APRIL TERM)	