

**Program of Study** : Dentistry

**Course** : Pathology

**Abbreviation** : PAT/ZAB11

**Schedule** : 30 hours of lectures  
30 hours of classes

**Course Distribution** : 2<sup>rd</sup> year, 4<sup>th</sup> semester

**Number of Credits** : 4

**Course Form** : Lectures, practical classes

**Lectures :**

**Teachers:** prof. MUDr. Jiří Ehrmann, Ph.D. (garant)

**Study:** Continuous

	<b>Date</b>	<b>Subject</b>	<b>No. of Less.</b>	<b>Teacher</b>
1	<b>17/ 2/ 2022</b>	Introductory lecture: Subject. Methods.	<b>2</b>	<b>Flodr</b>
2	<b>24/ 2/ 2022</b>	Necrosis. Apoptosis. Thanatology.	<b>2</b>	<b>Flodr</b>
3	<b>3/ 3/ 2022</b>	Adaptation of tissues and organs. Dystrophy.	<b>2</b>	<b>Flodr</b>
4	<b>10/ 3/ 2022</b>	Crystals. Concrements. Pigments.	<b>2</b>	<b>Flodr</b>
5	<b>17/ 3/ 2022</b>	Circulatory disorders.	<b>2</b>	<b>Flodr</b>
6	<b>24/ 3/ 2022</b>	Pathology of inflammation. Non-specific inflammation.	<b>2</b>	<b>Flodr</b>
7	<b>31/ 3/ 2022</b>	Granulomatous inflammation	<b>2</b>	<b>Flodr</b>
8	<b>7/ 4/ 2022</b>	Immunopathologic disorders.	<b>2</b>	<b>Flodr</b>
9	<b>14/ 4/ 2022</b>	General oncology I.	<b>2</b>	<b>Flodr</b>
10	<b>21/ 4/ 2022</b>	General oncology II.	<b>2</b>	<b>Flodr</b>
11	<b>28/ 4/ 2022</b>	Epithelial tumours.	<b>2</b>	<b>Flodr</b>
12	<b>5/ 5/ 2022</b>	Mesenchymal tumours.	<b>2</b>	<b>Flodr</b>
13	<b>12/ 5/ 2022</b>	Hematooncology. Lymphoproliferative and myeloproliferative diseases.	<b>2</b>	<b>Flodr</b>
14	<b>19/ 5/ 2022</b>	Neuroectodermal tumours. Germ cell tumours. Mixed tumours.	<b>2</b>	<b>Flodr</b>
15	<b>26/ 5/ 2022</b>	Contemporary diagnostic methods in pathology.	<b>2</b>	<b>Flodr</b>

## Practical classes:

**Leading Teacher:** MUDr. Patrik Flodr, Ph.D.

**Study:** Continuous

	<b>Week from-to</b>	<b>Subject</b>	<b>No. of Less.</b>
1	14/ 2/ – 18/ 2/ 2022	The visit of institute of pathology. Regressive changes. The types of necrosis.	2
2	21/ 2/ – 25/ 2/ 2022	Adaptation of tissues and organs. Dystrophy.	2
3	28/ 2/ – 4/ 3/ 2022	Crystals,concrements, pigments.	2
4	7/ 3/ – 11/ 3/ 2022	Disorders of the circulatory system I.	2
5	14/ 3/ – 18/ 3/ 2022	Disorders of the circulatory system II.	2
6	21/ 3/ – 25/ 3/ 2022	Non-specific inflammation.	2
7	28/ 3/ – 1/ 4/ 2022	Granulomatous inflammation.	2
8	4/ 4/ – 8/ 4/ 2022	<b>Revision lesson – Regressive and metabolic changes and inflammation.</b>	2
9	11/ 4/ – 15/ 4/ 2022	General oncology.	2
10	18/ 4/ – 22/ 4/ 2022	Benign and malignant epithelial tumours.	2
11	25/ 4/ – 29/ 4/ 2022	Benign and malignant mesenchymal tumours.	2
12	2/ 5/ – 6/ 5/ 2022	Hematooncology.	2
13	9/ 5/ – 13/ 5/ 2022	Neuroectodermal tumours. Germ cell tumours. Mixed Tumours. The diseases of the trophoblast.	2
14	16/ 5/ – 20/ 5/ 2022	<b>Revision lesson – Oncology.</b>	2
15	23/ 5/ – 27/ 5/ 2022	Supplementary lesson.	2

**Completed by:** Practicavit

**Requirements:** Attendance to practical seminars is compulsory!

The required attendance to practical seminars – a student is allowed to miss maximum one seminar. Students' preparedness for seminars will be continuously tested orally or written. Successful passing of the test = minimal 75% of correct answers is required. Unprepared students will be excluded from seminars. If a student fails to attend classes due to health or other serious reasons, they must attend substitute classes provided they have provided a satisfactory excuse. A maximum of two practical seminars may be made up for. Whether the reason stated is serious enough and excusable shall be determined by the respective teacher.

### Literature:

1. Kumar, Abbas, Aster: Robbins Basic Pathology
2. Underwood: General and Systemic pathology
3. Rubin, Farber: Pathology
4. Kumar, Abbas, Fausto: Robbins and Cotran's Pathologic Basis of Disease
5. Robin R., Strayer D. S.: Rubin's Pathology