

CALENDAR PLAN OF LABORATORY CLASSES

in Pathological Physiology

for the 3^d year international students of Pharmacy Faculty studying in English

VI semester 2026

(SPECIALTY 7-07-0912-01 "PHARMACY")

Lesson 1 26.01-30.01	Introductory lesson. The subject, tasks, methods of pathological physiology.
Lesson 2 02.02-06.02	General issues about the disease. General etiology and pathogenesis
Lesson 3 09.02-13.02	Pathogenic influence of environmental factors on the human body. Action of electric current on the organism. Test control
Lesson 4 16.02-20.02	Pathogenic action of environmental factors. Damaging effect of ionizing radiation on the organism. Test control
Lesson 5 23.02-27.02	Role of reactivity, constitution and heredity in pathology. Test control
Lesson 6 02.03-06.03	Role of heredity in pathology. Test control
Lesson 7 09.03-13.03	Pathophysiology of regional blood circulation and microcirculation. Arterial and venous hyperemia. Ischemia.
Lesson 8 16.03-20.03	Pathophysiology of regional blood circulation and microcirculation. Thrombosis. Embolism. Stasis. Impairments of microcirculation. Colloquium on the division "PATHOPHYSIOLOGY OF REGIONAL BLOOD CIRCULATION AND MICROCIRCULATION"
Lesson 9 23.03-27.03	Pathophysiology of cell. Cell Injury. General mechanisms of cell injury. Inflammation. Vascular response at the site of inflammation.
Lesson 10 30.03-03.04	Inflammation. Phagocytic reaction at the site of inflammation. Test control.
Lesson 11 06.04-10.04	Pathology of thermoregulation. Fever. Test control
Lesson 12 13.04-17.04	Hypoxia. Test control
Lesson 13 20.04-24.04	Typical impairments of metabolism. Disorders of acid-basic state. Solution of situational tasks. Practicing of practical skills
Lesson 14 27.04-01.05	Typical impairments of metabolism. The impairments of water exchange. Edemas and dropsy
Lesson 15 04.05-08.05	Colloquium on the topics covered in the section "TYPICAL PATHOLOGICAL PROCESSES". (LESSONS №№7-14)
Lesson 16 11.05-15.05	Pathophysiology of tissue growth. Tumor (Lesson 1. Biological features of tumor growth. Etiology of tumor)
Lesson 17 18.05-22.05	Pathophysiology of tissue growth. Tumor (Lesson 2. Mechanisms of carcinogenesis. Relationships of the tumor and organism. Principles of treatment and prevention of tumors). Credit

**Head of the
Pathological Physiology Department,
Professor**

F.I. Vismont