



Histophysiology with elements of eye pathology

ECTS: 1.00

SUBJECT MATTER CONTENT

TEACHING OBJECTIVE

Gaining knowledge about basic aspects of histological structure of the eye and major physiological processes occurring in this organ. The subject will also include the basic aspects of pathology of the eye and will be the introduction to learn ophthalmology in veterinary medicine.

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline: R/WA_P7S+++

Symbols for outcomes related to the field of study: A.U8. +, K.4.+ , A.W1. +, K.8.+

LEARNING OUTCOMES:

Knowledge:

W1 – Student: a) knows the structures of the eye and understand the basic physiological processes occurring in the eye; b) knows how to perform cytological swab from the conjunctival sac; c) knows methods in terms of preparation of the eyeball to histological and histopathological examinations; d) knows routine methods of histological stainings; e) knows techniques of the imaging of the eye structures under microscope.

Skills:

U1 – Student: a) recognizes eye structures under light microscope; b) know how to prepare the eyeball samples for histological and histopathological examinations; c) know how to perform histological staining of the eye sections and visualize it under fluorescent microscope; d) know how to obtain cytological swab from the conjunctival sac.

Social competence:

K1 – Student: a) shows initiative and updates the knowledge in the field of the subject; b) is aware of personal limitations.

TEACHING FORMS AND METHODS:

Lecture(W1;K1);

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Lecture (Oral exam) - -

Legal acts specifying learning outcomes:
682/2020
Disciplines: Veterinary science
Status of the course:Fakultatywny
Group of courses:B - przedmioty kierunkowe
Code: ISCED 0841
Field of study:Veterinary Medicine
Scope of education:
Profile of education: General academic
Form of studies: full-time
Level of studies: uniform master's studies
Year/semester: 3/5

Types of classes: Lecture, Practical classes

Number of hours in semester:Lecture: 5.00, Practical classes: 10.00

Language of instruction:Polish
Introductory subject: Histology, physiology
Prerequisites: knowledge concerning anatomical structures and physiology of the eye

Name of the organisational unit conducting the course:Katedra Histologii i Embriologii
Person responsible for the realization of the course:dr hab. wet. Natalia Ziólkowska
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Additional remarks:

BASIC LITERATURE:

SUPPLEMENTARY LITERATURE:

