

Course code:

Plan position:

1. INFORMATION ABOUT THE COURSE

A. Basic information

Name of course	Histology
Field of studies	
Level of studies	
Profile of studies	General Academic
Form of studies	Stationary
Specialty	
Unit responsible for the field of studies	Faculty of Animal Breeding and Biology
Name and academic degree of teacher(s)	Dankowiakowska Agata, PhD Reszka Patrycja, PhD
Introductory courses	-
Introductory requirements	Basic knowledge of biology at the high school level

B. Semester/week schedule of classes

Semester	Lectures (W)	Auditorium classes (Ć)	Laboratory classes (L)	Project classes (P)	Seminar (S)	Field classes (T)	Number of ECTS points
Summer/winter			25				5

2. LEARNING OUTCOME

No.	Learning outcomes description	The reference to the learning outcomes of specific field of study	The reference to the learning outcomes for the area
KNOWLEDGE			
W1	Has knowledge of human histology and basic functions and construction of the most important organs and systems		
SKILLS			
U1	Is able to perform simple research tasks and prepare a description of the histological preparation		
SOCIAL COMPETENCES			
K1	Can work independently and in a team; cooperate and perform entrusted tasks.		

3. TEACHING METHODS

multimedia presentations, demonstration of microscopic histological preparations
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4. METHODS OF EXAMINATION

Written exam, worksheets, presentation
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5. SCOPE

Laboratory classes	Introduction to histological techniques - freezing and paraffin techniques. Structure and functions of tissues - epithelial, connective, muscular and nervous. Vascular system. Digestive system. Respiratory system. Urinary system. Skin, hair structure, glands.
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6. METHODS OF VERIFICATION OF LEARNING OUTCOMES

LEARNING OUTCOME	Form of assessment					
	Oral examination	Written exam	Worksheets	Project	Presentation
W1		x	x		x	
U1			x		x	
K1			x		x	

7. LITERATURE

Basic literature	<ol style="list-style-type: none"> 1. Michael H. Ross, Wojciech Pawlina. Histology: A Text and Atlas, 2019 2. Anthony L. Mescher. Junqueira's Basic Histology: Text and Atlas, 2020, last edition
Supplementary literature	<ol style="list-style-type: none"> 1. Stevens A., Lowe J. "Human Histology" 2005, Elsevier Mosby, third ed. 2. Ross M.H., Pawlina W. "Histology: A text and atlas", 2011, Lippincott Williams & Wilkins, sixth ed. 3. Gartner L. P., "Textbook of Histology", Elsevier, last edition.

8. TOTAL STUDENT WORKLOAD REQUIRED TO ACHIEVE EXPECTED LEARNING OUTCOMES EXPRESSED IN TIME AND ECTS CREDITS

Student's activity		Student workload– number of hours
Classes conducted under a direct supervision of an academic teacher or other persons responsible for classes	Participation in classes indicated in point 1B	25
	Supervision hours	5
Student's own work	Preparation for classes	25
	Reading assignments	30
	Other (preparation for exams, tests, carrying out a project etc)	40
Total student workload		125
Number of ECTS points		5