

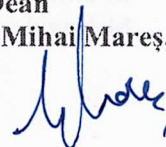
University of Life Sciences "Ion Ionescu de la Brad" Iași

Faculty: Veterinary Medicine

Specialty: Veterinary Medicine

Department: Public Health

Approved,  
Dean  
Prof. Mihai Mares, PhD



## SYLABUS OF THE COURSE

### 1. Identification data of the course

1.1 Higher education institution	University of Life Sciences "Ion Ionescu de la Brad" Iasi
1.2 Faculty	Veterinary Medicine
1.3 Department	Public health
1.4 Field	Veterinary Medicine
1.5 Cycle of studies	Bachelor and Master (unitary study programme)
1.6 Studies programme	Veterinary Medicine

### 2. Information regarding the course

2.1 Name	Anatomy							
2.2 Lecture coordinator	Associate professor, Mihaela Claudia Spataru							
2.3 Practical activities coordinator	Assistant professor Alexandru Munteanu Assistant professor Costica Covasa							
2.4 Year of study	I	2.5 Semester	II	2.6 Evaluation type	summative	2.7 Course status	Content Compulsory	FD CD

### 3. Structure of the course (hours/semester of didactic activities)

3.1 Number of hours/week	5	from which: 3.2 lecture	2	3.3 seminar/practical work	3
3.4 Total number of hours in curricula	70	from which: 3.5 lecture	28	3.6 seminar/practical work	42
Time distribution					hours
Study by manual, bibliography and lecture notes					30
Additional study in library, specialty electronic sources and on the field activities					25
Preparing for laboratory activities, homework, projects, portfolios and essays					6
Tutoring					8
Examinations					9
Other activities					2
3.7 Total hours of individual study	80				
3.9 Total hours/semester	150				
3.10 Number of credits	5				

### 4. Pre-requisites

4.1 curriculum	• Anatomy, Cell biology
4.2 competencies	• The student must have knowledge regarding the basic concepts of Anatomy and Cell biology

### 5. Conditions

5.1. for conducting the lectures	The course is interactive; students can ask questions regarding the content of the presentation. The use of mobile phones is strictly forbidden; Getting late, leaving the lecture or skipping classes is forbidden.
5.2. for conducting the practical activities	The students should wear protective uniforms; the experiments will be conducted under the direct supervision of the laboratory responsible; all samples will be collected/interpreted

	under the direct supervision of the laboratory responsible At practical work is required to study the materials presented in the lectures; each student will conduct an individual activity using the laboratory materials provided.
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## 6. Acquired specific competences

<b>Professional competencies</b>	<ul style="list-style-type: none"> <li>- Knowing the compounds of apparatus of the organism and the conformation of the organs</li> <li>- Making the connection between the function and structure of an organ</li> </ul>
<b>Cross (transversal) competencies</b>	<ul style="list-style-type: none"> <li>- Knowing the correct name of the organs and their role</li> <li>- Knowing the topography of the organs</li> <li>- Development of medical thinking and analysis</li> </ul>

## 7. Course objectives (based on the list of competences acquired)

7.1 General objective of the course	<ul style="list-style-type: none"> <li>- prepare the student to be efficient in investigation of all the apparatus of the animals</li> <li>- knowing the normal aspect of the organs: the color, size, position or consistence.</li> <li>- the students learn to coordinate and control his activity or the work of other colleagues into teamwork</li> </ul>
7.2 Specific objectives	<ul style="list-style-type: none"> <li>- knowing the particularities of the organs in the principal species of domestic animals: horse, big and small ruminants, suine, carnivores, rabbits and poultry</li> <li>- performing dissections student preparing for surgery and medical maneuvers</li> </ul>

## 8. Content

<b>8.1 Lectures</b>	<b>Teaching methods</b>	<b>No. of hours</b>
Digestive System in domestic mammals and birds	Power Point presentation, by drawing or making schema	<b>8</b>
Respiratory System in domestic mammals and birds		<b>8</b>
Urinary System in domestic mammals and birds		<b>4</b>
Genital System in domestic mammals and birds		<b>6</b>
Sense organs, skin and the skin production domestic mammals and birds		<b>2</b>
<b>TOTAL HOURS - Lectures</b>		<b>28</b>

## Bibliography

1. Spataru Mihaela Claudia (2019) Veterinary Anatomy Splanchnology of domestic animals. Editura „Ion Ionescu de la Brad” Iasi, 2019, ISBN 978-973-147-349-9
2. Dyce, K. M.; Sack, O. W.; Wensing, C. J. G. (2002) Textbook of veterinary Anatomy, 3rd Edition, ISBN 973-571-459-0
3. Koning, H. (2001) Veterinary Anatomy of domestic mammals, textbook and colour atlas, ISBN 3-7945-2101-3
4. Constantinescu, Gh.M. (2018) Illustrated veterinary Anatomical Nomenclature, 4th Edition, Georg Thieme Verlag, ISBN 978-3-13-242517-0
5. Lecture notes according to subject syllabus

<b>8.2 Seminar / Laboratory/Practical work</b>	<b>Teaching methods</b>	<b>No. of hours</b>
Digestive System in domestic mammals and birds		<b>18</b>
Respiratory System in domestic mammals and birds		<b>6</b>
Urinary System in domestic mammals and birds		<b>3</b>
Genital Apparatus Urinary System in domestic mammals and birds		<b>9</b>
Sense organs, skin and the skin production in domestic mammals and birds		<b>6</b>
<b>TOTAL HOURS - Laboratory activities</b>		<b>42</b>



### Bibliography

1. Spataru Mihaela Claudia (2019) Veterinary Anatomy Splanchnology of domestic animals. Editura „Ion Ionescu de la Brad” Iasi, 2019, ISBN 978-973-147-349-9
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### 9. Corroborating the contents of the discipline with the expectations of community representatives, professional associations and representative employers in the field of the program

- In order to improve the content and the choice of teaching / learning methods, the discipline holders participated in European vocational training programs (POSDRU), have met with members of the professional communities in Romania, as well as with other teachers in the field, representatives of other higher education institutions in the country and the European Union (Erasmus mobility). The meetings aimed at identifying the needs and expectations of employers in the field and coordinating curricula with other similar programs within other higher education institutions in Europe.

### 10. Evaluation

Activity type	Evaluation criteria	Evaluation Methods	% of final mark
10.1 Lecture	Knowing of the compounds of the apparatus in domestic mammals and poultry	Written exam	60
10.2 Seminar /laboratory activities	Laboratory attendance, laboratory activity	Continuous evaluation	10
	Practical exam	Practical exam	30

### 11. Minimal standard of performance

Minimum requirements (for 5):	Maximum requirements (for 10):
Knowing of the compound of apparatus in domestic mammals and poultry	Knowing the particularities of the organs in principal species of the domestic animals Knowing the projection of the organs on the walls of the thoracic, abdominal and pelvic cavities

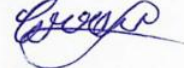
Date

9.IX. 2021: Signature of course coordinator,  
Assoc. Prof. PhD, Mihaela Claudia SPATARU



Signature of practical coordinator,  
Assistant professor Alexandru MUNTEANU

Assistant professor Costica COVASA



Approved in Department  
14.IX.2021

Signature of Department Director,  
Assoc. Prof., PhD Viorel FLORISTEAN



Approved by Faculty Council on 17.09.2021