

INFECTIOUS DISEASES, PREVENTIVE MEDICINE AND CLINICAL LECTURES BY SPECIES (Vth YEAR)

Structure of the discipline (no. of hours per week)

Semester	Cours	Seminary	Laboratory	No. of credits
IX	2	—	2	4

The status of the discipline

Obligatory

Discipline coordinator

Prof. univ. dr. Elena VELESCU

Objectives of the discipline (course and applications)

- Knowledge of diagnostic strategy in infectious diseases in animals;
- Acquiring diagnostic methodologies in infectious diseases in animals;
- Practical application of curative and prophylactic measures infectious diseases in animals.

Content (analytical program)

Cours (chapters / subchapters)	No. of hours
BRUCELOSIS: cattles, sheeps, swines.	2
BRUCELOSIS: horses, dogs, rodents. Infectious epididymitis of rams.	2
CAMPYLOBACTERIOZE: cattle, sheep, swine, avian.	2
INFECTIONS WITH BORDETELLA BROCHISEPTICA: Swine atrophic rhinitis. Avian Bordetellosis. Francisielosis.	2
LISTERIOSIS: cattle, sheep, swine, horse.	2
INFECTIONS WITH HAEMOPHYLLUS: Thromboembolic meningoencephalitis. Glasser's disease. Equine contagious metritis. Avian contagious rheum.	2
COLIBACIOSIS: calves, piglets, lambs and foals. Edema disease.	2
COLIBACIOSIS: Colibacilosis mastitis of cows. Avian colibacilosis.	2
NECROBACIOSIS: cattles, sheeps, swines, horses and rabbits. OVINE INFECTIONS PODODERMATITIS.	2
INFECTIOUS KERATO CONJUNCTIVITIS WITH MORAXELLA.	
STAPHYLOCCAL INFECTIONS: Mastitis Staphylococcal infection of cows. Gangrenous mastitis of sheep.	2
Swine exudative epidermis. Avian staphylococcal infections.	
INFECTIONS WITH STREPTOCOCCUS: Streptococcal mastitis of cows. Calves streptococcal infections. Swine streptococcal infections.	2
Strangles. Streptococcal infections on foals. Sheeps streptococcal infections. Avian streptococcal infections. Petechial fever.	2
SPIROCHETOSIS: Leptospirosis swine, cattle, sheep, horse, canine.	2
Swine spirochaete dysentery. Avian spirochetosis. Rabbit spirochetosis.	2

Laboratory	No. of hours

Clinical diagnostic exercises on presented cases. 2 hours per week - 28 hours

Bibliography

1. Perianu Tudor și colab. – Bolile infecțioase ale animalelor. Bacterioze. Editura Universitas XXI, Iași, 2010.
2. Perianu Tudor și colab. – Bolile infecțioase ale animalelor. Viroze. Editura Universitas XXI, Iași, 2012.
3. Elena Velescu - Patologia bolilor infecțioase la animale, Ed. "Terra Nostra", Iași, 2002.
4. Elena Velescu - Patologia bolilor infecțioase la animale, Ediția a II a, Iași, 2004.
5. Elena Velescu – Diagnosticul bolilor infecțioase (manual practic), Ed. Vasiliana, 1999.

Didactic methods used

- Cours: Power Point presentation;
- Laboratory: Exposure images, clinical and paraclinical examinations, differential diagnosis.

Activity type	Evaluation criteria * (practical application)	Percentage of the final grade
Exam	Oral	60 %
The evaluation during the year	Oral, test	20 %
Laboratory	Practical application	20 %

Contact

Prof. dr. Elena VELESCU
Faculty of Veterinary Medicine - USAMV Iași
Aleea Mihail Sadoveanu nr. 8, Iași, 700489, România
phone: 0040 232 407327
fax: 0040 232 407327
e-mail: elenavelescu@yahoo.com

elenavelescu@uaiasi.ro

INFECTIOUS DISEASES, PREVENTIVE MEDICINE AND CLINICAL LECTURES BY SPECIES (Vth YEAR)

Structure of the discipline (no. of hours per week)

Semester	Curs	Seminary	Laboratory	No. of credits
X	2	—	2	4

The status of the discipline

Obligatory

Discipline coordinator

Prof. univ. dr. Elena VELESCU

Objectives of the discipline (course and applications)

- Knowledge of diagnostic strategy in infectious diseases in animals;
- Acquiring diagnostic methodologies in infectious diseases in animals;
- Practical application of curative and prophylactic measures infectious diseases in animals.

Content (analytical program)

Cours (chapters / subchapters)	No. of hours
Actinomycosis of mammals. Dermatophylosis of mammals.	2
CORINEBACTERIUM INFECTIONS : Bacillary pyelonephritis. Caseous lymphadenitis. Horses and cattles ulcerous lymphangitis. Young horses infectious bronchopneumonia.	2
CALICIVIRUS INFECTIONS: Swine vesicular exanthem. Viral hemorrhagic disease in rabbit. Feline calicivirosis.	2
TOGAVIRUS INFECTIONS: American equine encephalomyelitis. Venezuelan equine encephalomyelitis . Equine viral arteritis. Porcine reproductive and respiratory syndrome.	2
ORTHOMYXOVIRUS INFECTIONS: Equine influenza. Swine influenza. Duck influenza FLAVIVIRUS INFECTIONS: BVD-MD Bovine Virus diarrhea/Mucosal Disease. Border disease.	2
BIRNAVIRUS INFECTIONS: Infectious bursal disease. REOVIRUS INFECTIONS: Avian tenosynovitis. Calves rotavirus diarrhea. Swine rotavirus diarrhea.	2
CORONAVIRUS INFECTIONS : Infectious bronchitis. Transmissible gastroenteritis. Epizootic diarrhea. Disease vomiting and dehydration. Feline infectious peritonitis.	2
CIRCOVIRUS INFECTIONS : Porcine circovirus infection. Avian infectious anemia.	2
PARVOVIRUS INFECTIONS: Porcine parvovirus infection. Canine parvovirus infection. Feline panleukopenie. Derszy disease.	2
RETROVIRUS INFECTIONS: Avian Leucosis. Maedi-Visna. Goats encephalitis.	2
POXVIRUS INFECTIONS: Contagious ecthyma. Mixomatosis. Avian smallpox.	2
PAPOVAVIRUS INFECTIONS: Bovine papillomatosis. Horses papillomatosis HERPESVIRUS INFECTIONS: IBR-IPV infectious bovine rhinotracheitis/Infectious pustular vulvovaginitis. Malignant catarrhal fever. Horses rhinitis and pneumonia.	2
Sheep pulmonary adenomatosis . Avian infectious laryngotracheitis. Marek disease.	2
ADENOVIRUS INFECTIONS: Infectious Canine Hepatitis. Canine infectious	2

Laboratory	No. of hours
------------	--------------

Clinical diagnostic exercises on presented cases. 2 hours per week - 28 hours

Bibliography

1. Perianu Tudor și colab. – Bolile infecțioase ale animalelor. Bacterioze. Editura Universitas XXI, Iași, 2010.
2. Perianu Tudor și colab. – Bolile infecțioase ale animalelor. Viroze. Editura Universitas XXI, Iași, 2012.
3. Elena Velescu - Patologia bolilor infecțioase la animale, Ed. "Terra Nostra", Iași, 2002.
4. Elena Velescu - Patologia bolilor infecțioase la animale, Ediția a II a, Iași, 2004.
5. Elena Velescu – Diagnosticul Bolilor infecțioase (manual practic), Ed. Vasiliana, 1998.

Didactic methods used

- Cours: Power Point presentation;
- Laboratory: Exposure images, clinical and paraclinical examinations, differential diagnosis.

Activity type	Evaluation criteria * (practical application)	Percentage of the final grade
Exam	Oral	60 %
The evaluation during the year	Oral, test	20 %
Laboratory	Practical application	20 %

Contact

Prof. dr. Elena VELESCU
Facultatea de Medicină Veterinară - USAMV Iași
Aleea Mihail Sadoveanu nr. 8, Iași, 700489, România
telefon: 0040 232 407327
fax: 0040 232 407327
e-Mail: elenavelescu@yahoo.com

elenavelescu@uaiasi.ro