Syllabus

| Module title: | Heard health management in small ruminants | ECTS | 2 |
|---|---|---|---|
| Polish translation: | Zarządzanie zdrowiem stada małych przeżuwaczy | | |
| Course: | **Veterinary Medicine** | | |

| Module language: English | | | Stage: JM | | |
|---|---|---|---|---|---|
| Form of studies: ■ intramural ☐ extramural | Type of module: ☐ basic ■ directional ☐ accessory ☐ rotation ☐ summer practice | ☐ mandatory ■ elective | Semester: …10 Year 6 | ■ winter semester ☐ summer semester | |
| Academic year: | **Intake 2020/2021** | Catalogue number: | FVM-V-JMSS-11W-E31_20 | | |

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|---|---|
| Module coordinator: | dr Małgorzata Wierzbicka |
| Teachers responsible for the module: | Staff and PhD students of the Department of Large Animal Diseases and Clinic |
| Unit responsible for the module: | Department of Large Animal Diseases with Clinic |
| Faculty in charge: | Faculty of Veterinary Medicine |
| Objectives of the module: | Students participate in practical lessons on large farms and in University clinic. During lessons students, apply knowledge of internal diseases treatment, clinical and laboratory diagnosis, pathophysiology, pharmacology, anatomy, reproduction and herd health management. Students will be shown clinical cases of herd health problems to identify the disease and present treatment and prevention strategy for the herd. |
| Teaching forms, number of hours: | a) Lectures: 5 h<br>b) Clinical classes : 25h |
| Teaching methods: | Field practice in University clinic and animal farms using veterinary equipment. Discussion, clinical workshops, problem solving and analysis of clinical cases, diagnostic tests and source texts analysis, practical demonstrations |
| Formal prerequisites and initial requirements: | Animal anatomy modules 1-2, Animal physiology modules 1-2, Biochemistry modules 1-2, Animal pathophysiology, Animal husbandry and breeding, Farm animal diseases, Feed hygiene, Clinical and laboratory diagnostics modules 1-2, Veterinary pharmacology modules 1-2, Veterinary microbiology modules 1-2, Veterinary epidemiology<br>Students should perform clinical examination of sheep and goats, and sampling for specific laboratory tests |
| Learning outcomes: | **The** ability to perform interview to get detailed information on specified case or whole group health status and its environment<br>Perform general and detailed examination of each of internal systems using both the manual methods and additional tools<br>The ability to assess the status of each of organisms internal systems during diagnostic period and apply adequate treatment<br>Apply adequate methods and tools to clinically diagnose herd health problems<br>Prescribe and apply medicaments with application of safety rules of usage and<br>utilisation. Perform and interpret field diagnostic tests |
| Assessment methods: | Evaluation of student knowledge and practical skills during classes.<br>Case study essay. |
| Formal documentation of learning outcomes: | Practice documentation, essay, grade in eHMS |
| Elements impelling final grade: | Students' knowledge and activity during lessons – 50%<br>Essay – 50% |
| Teaching base: | Farms, University clinic |

Mandatory and supportive materials :

1 Bradfort P. Smith. Large animal internal medicine. MOSBY St. Louis London Philadelphia Sydney Toronto, 2005.
2. Steven L. Stockham, Michael A. Scott. Fundamentals of veterinary clinical pathology. Iowa State Press. 2002
3. Pugh D.G. Sheep and goat medicine. W.B. Saunders Company. Philadelphia, Pennsylvania, 2002

ANNOTATIONS

Quantitative summary of the module:

| | |
|---|---|
| Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module - base for quantifying ECTS: | **…30……. h** |
| Total ECTS points, accumulated by students during contact learning: | **…1…. ECTS** |

Learning outcomes of the module relative to the learning outcomes of the subject:

| Outcome category | Learning outcomes: | Learning outcomes relative to the course outcomes | Impact on the course outcomes*) |
|---|---|---|---|
| Knowledge/skills/Competence | The ability to perform interview to get detailed information on specified case or whole group health status and its environment | W_NK1, W_PZ3, W_PZ4, U_OUZ2, U_PUZ1 | 3 |
| Knowledge/skills/Competence | Perform general and detailed examination of each of internal systems using both the manual methods and additional tools | W_NK3, U_PUZ3, U_PUZ6 | 3 |
| Knowledge/skills/Competence | The ability to assess the status of each of organisms internal systems during diagnostic period and apply adequate treatment | W_NK1, U_OUZ10 | 3 |
| Knowledge/skills/Competence | Apply adequate methods and tools to clinically diagnose herd health problems | W_NK7, U_PUZ3, U_PUZ6 | 3 |
| Knowledge/skills/Competence | Prescribe and apply medicaments with application of safety rules of usage and utilisation. Perform and interpret field diagnostic tests | K_KP8, K_KP1, W_NP11, W_NP10 | 3 |

*)

3 – Significant and detailed,

2 – Partial,

1 – Basic,

**WNZ-ZT-1Z-08Z-03_19**

**Kod Wydziału-Kod kierunku-Kod poziomu i formy-numer semestru Z zimowy L letni-numer przedmiotu w planie semestru_rok akademicki, od którego obowiązuje opis / 2019-2020 →19/**

WNZ – Wydział nauk o zwierzętach (kod HMS)

| | |
|---|---|
| ROL | Rolnictwa i Biologii |
| WET | Medycyny Weterynaryjnej |
| LES | Leśny |
| OGR | Ogrodnictwa, Biotechnologii i Architektury Krajobrazu |
| BIS | Budownictwa i Inżynierii Środowiska |
| TDR | Technologii Drewna |
| WNZ | Nauk o Zwierzętach |
| EKR | Nauk Ekonomicznych |
| NoZ | Nauk o Żywności |
| ZCZ | Nauk o Żywieniu Człowieka i Konsumpcji |
| WIP | Inżynierii Produkcji |
| ZIM | Zastosowań Informatyki i Matematyki |
| WNH | Nauk Społecznych |

**ZT – zootechnika**

| | |
|---|---|
| A | architektura krajobrazu |
| B | biologia |
| BD | budownictwo |
| BT | biotechnologia |
| BW | bioinżynieria zwierząt |
| BZ | bezpieczeństwo żywnosci |
| D | dietetyka |
| E | ekonomia |
| ER | ekologiczne rolnictwo i produkcja żywności |
| F | finanse i rachunkowość |
| | weterynaria |
| GH | gastronomia i hotelarstwo |
| GP | gospodarka przestrzenna |
| H | hodowla i ochrona zwierząt towarzyszących i dzikich |
| IB | inżynieria systemów biotecchnicznych |
| IE | informatyka i ekonometria |
| IG | inżynieria i gospodarka wodna |
| IK | inżynieria ekologiczna |
| IN | informatyka |
| IS | inżynieria środowiska |
| L | logistyka |
| LS | leśnictwo |
| M | meblarstwo |
| O | ogrodnictwo |
| OR | ochrona zdrowia roślin |
| OS | ochrona środowiska |
| P | pedagogika |
| R | rolnictwo |
| S | socjologia |
| TD | technologia drewna |
| TE | technologie energii odnawialnej |
| TU | turystyka i rekreacja |
| TB | towaroznawstwo w biogospodarce |
| TZ | technologia zywnosci i zywienie człowieka |
| W | weterynaria |
| W-N | weterynaria |
| | weterynaria |
| Z | zarządzanie |
| ZC | żywienie człowieka i ocena żywnosci |
| ZP | zarządzanie i inżynieria produkcji |
| ZT | zootechnika |

**1Z – studia I stopnia niestacjonarne**

**1S – I st., stacjonarne;**

**2S – II st., stacjonarne;**

**2Z – II st., niestacjonarne**