



Course title: BOVINE REPRODUCTION

ECTS credit allocation (and other scores): 1,5

Semester: autumn

Level of study: ISCED-7- long-cycle programmes (EQF-7)

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: 15

Course coordinator/ Department and e-mail: Tomasz Janowski, jantom@uwm.edu.pl

Type of classes: classes and lectures

Substantive content

CLASSES: The aim of the teaching is obtainment by the students the advanced knowledge and skills related to diagnostic problems, treatment and control of infertility in dairy and beef herds.

LECTURES: The aim of the lectures is to enunciate current cattle reproductive disorders, modern methods of their therapy, chosen methods of biotechnology of bovine reproduction, beef cattle reproduction and current problems of management of mastitis in dairy cattle.

Learning purpose: The aim of the teaching is obtainment by the students the deeper knowledge and skills related to diagnostic problems, treatment and control of infertility in dairy and beef herds.

On completion of the study programme the graduate will gain:

Knowledge: after the course a student can analyze and recognize cattle infertility and use methods of diagnosis and treatment, also realize the role of veterinary surgeon in that field

Skills: after the course a student has practical skills of diagnosis and treatment of reproductive disorders in the herd together with the analysis of nutritional and environmental reasons, skills of record-keeping and cooperation with the farmer

Social Competencies: a student can unassisted diagnose and treat cattle infertility in dairy herds, follow the rules of veterinary deontology, take care of animal welfare, cooperate with animals' owners and Veterinary Inspection, advice and discuss about veterinary, biological and economical aspects of bovine reproduction in a herd

- Basic literature: 1) Baier W., Schaetz F., 1978r., "Położnictwo weterynaryjne", wyd. PWRiL Warszawa, s.15-375,
2) Bielański A., Tischner M., 1997r., "Biotechnologia rozrodu zwierząt domowych", wyd. Drukrol w Krakowie, s.1-631,
3) Głód W., 1976r., "Rozród i unasienianie bydła", wyd. PWRiL Warszawa, s.1-320,
4) Kurek C., Rutkowiak B., 1997r., "Schorzenia wymienia krów", wyd. PWRiL, s.1-240,
5) Malinowski E., 1997r., "Przyczyny, leczenie i zapobieganie mastitis u krów", wyd. Piwet Puławy, s.1-94,
6) Pejsak Z., 2007r., "Ochrona zdrowia świń", wyd. PWRol. Poznań, s.18-653.

- Supplementary literature: 1) Bielański W., 1979r., "Rozród zwierząt", wyd. PWRiL Warszawa, s.1-489,
2) Janowski H., Markiewicz K., Tarczyński S. (red.), 1983r., "Choroby bydła", wyd. PWRiL Warszawa,
3) Szweda W., Janowski T. (red.), 1997r., "Szczegółowa patologia i terapia chorób świń", wyd. Wyd. ART,



- 4) Krzymowski T. (red.), 2007r., "Biotechnologia Rozrodu Zwierząt. Fizjologiczna regulacja procesów rozrodczych samic", wyd. Wyd. ART Olsztyn, t.I, s.1-762,
- 5) Philpet W. N., Nickerson S-C., 2006r., "Zwyciężyć w walce z mastitis", wyd. Westfalia-Surge Polska Sp. z.o.o., s. 1-183.
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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 17

Student's independent work: 20,5