



Course title: FEED HYGIENE

ECTS credit allocation (and other scores): 4.0

Semester: autumn

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

Branch of science: Agricultural sciences

Language: English

Number of hours per semester: lectures- 30; auditorium exercises - 20

Course coordinator/ Department and e-mail: Department of Veterinary Prevention and Feed Hygiene, Faculty of Veterinary Medicine, University of Warmia and Mazury in Olsztyn, Oczapowskiego 13/29, 10-718 Olsztyn, Poland; E-mails: mgaja@uwm.edu.pl

Type of classes: lectures

Substantive content

CLASSES:

During the classes students will become familiar with the following issues of rule of law; requirements of feed enterprises at the level of primary production, trade in animal feed; storage pests and disinfection of storage rooms and feed production, deratization, approval and registration of factories and feed additives; feed complaints, veterinary supervision, owner supervision, feed labeling, importance of water, feed production, animal protein, animal by-products, medicated feed, genetically controlled plants modified, deficiency of vitamins and minerals in feed.

LECTURES:

The aim of the lectures is to familiarize students with the following issues of nutrition as permanent treatment; basics of feed collection and digestion; undesirable substances; food security; organization of official feed control, feed of accompanying animals (production and marketing), waste management of animal origin, BSE feed etiology, rapid alert system and preparedness plan, feed and the environment, water is also feed, risk management of undesirable substances (mycotoxin) in primary production and during circulation, risk of contamination transmission from foodstuffs.

Learning purpose :

Relationship between the health quality of animal feeding stuffs and the safety of food of animal origin.

Role and tasks of the veterinary service in the field of supervision over feed production

On completion of the study programme the graduate will gain:

Knowledge:

Graduates will have knowledge of the safety and commercial quality of plant, animal materials, feed materials and feed additives used in feed production and animal nutrition;

Skills:

Graduates will be able to use critical control points in feed production for supervising production plants, monitoring the storage conditions of feed materials, feed additives and feeds and supervising trade operations;



Social Competencies:

Graduates will have the skills and knowledge required for employment in feed mills and production plants manufacturing feed materials and feed additives, in laboratories that evaluate the commercial quality and safety of feed materials and feed additives of plant and animal origin, beginning from primary production, and in different departments of the Veterinary Inspection as feed and waste management inspectors

Basic literature:

Feed Act; EU regulations; Directive; Scientific journals

Supplementary literature: Selected aspects of food safety of animal origin 2008;

The allocated number of ECTS points consists of: 4

Contact hours with an academic teacher: 60

Student's independent work: 60