

## Tárgytematika / Course Description Bovine and Sheep Breeding

MENB\_ÁTTA015

**Tárgyfelelős neve /**

**Teacher's name:** dr. Pongrácz László

**Félév / Semester:** 2024/25/2

**Beszámolási forma /**

**Assesment:** Vizsga

**Tárgy heti óraszám /**

**Teaching hours(week):** 2/2/0

**Tárgy féléves óraszám /**

**Teaching hours(sem.):** 0/0/0

---

### OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the subject is to teach the students the biological characteristics of cattle, sheep and goat, their most important traits, breeds, their use, moreover the basis of the milk, meat and wool production based on these species.

---

### TANTÁRGY TARTALMA / DESCRIPTION

#### Topics of lectures:

Week 1 Importance of cattle breeding, international and domestic situation

Week 2 Most important traits of cattle

Week 3 Cattle breeds and their use

Week 4 Milk production and milking of cows

Week 5 Meat production of cattle

Week 6 Rearing of calves and replacements, cattle fattening

Week 7 Housing, feeding and managing of dairy and beef cows

Week 8 The importance of sheep breeding, its international and domestic situation

Week 9 Most important traits of sheep

Week 10 Sheep breeds and their use

Week 11 Meat, milk and wool production, milking of sheep

Week 12 Breeding and fattening of lambs and other young sheep

Week 13 Housing, feeding and managing of ewes and rams

Week 14 Goat breeding and production

#### Practical exercise topics:

Week 1 Keeping of dairy herds

Week 2 Feeding of dairy herds

Week 3 Milking technology of dairy herds

Week 4 Calf rearing technologies

Week 5 Cattle fattening technologies

Week 6 Heifer rearing technology

Week 7 Beef cattle husbandry technology  
Week 8 Breeding and selection procedures of cattle, sheep and goat  
Week 9 Practice of sheep milk, meat and wool production  
Week 10 Housing technology systems of sheep  
Week 11 Milking of sheep  
Week 12 Lamb fattening technologies  
Week 13 Reproduction practice of sheep  
Week 14 The practice of goat production

---

## SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

**Prerequisite for accepting the semester:** visiting at least 2/3 of the lectures and exercises during the semester (based on the catalog). Examination: oral examination (minimum 50% level of knowledge required). Grade rating: insufficient -1, sufficient -2, medium -3, good -4, excellent -5.

---

## KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

### Literature:

**Levente Czeglédi** (2013): Animal Husbandry III. Some aspects of dairy and beef cattle production. TÁMOP-4.1.2.A/1-11/1-2011-0009. [https://regi.tankonyvtar.hu/hu/tartalom/tamop412A/2011\\_0009\\_Czegledi\\_Levente-Animal\\_Husbandry\\_III/ch02.html](https://regi.tankonyvtar.hu/hu/tartalom/tamop412A/2011_0009_Czegledi_Levente-Animal_Husbandry_III/ch02.html)

**András Jávor** (2013): Animal Husbandry II. Introduce the shep and goat breeding sector in Hungary. Keeping and breeding systems of goats  
[https://regi.tankonyvtar.hu/hu/tartalom/tamop412A/2011\\_0009\\_Javor\\_Andras-Animal\\_Husbandry\\_II/adatok.html](https://regi.tankonyvtar.hu/hu/tartalom/tamop412A/2011_0009_Javor_Andras-Animal_Husbandry_II/adatok.html)

---

## AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL