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| **STUDY PROGRAMME:** | **Professional Undergraduate Study Programme *Agriculture*** Specific field of study: Plant production, Zootechnics, Management in Agriculture |
| **Course:** | **HUNTING AND CYNOLOGY** |
| **Course code:** 96743**Course status**: elective | **Semester: V** | **ECTS credits: 4** |
| **Course holder:**  | **Damir Alagić,** Ph. D., professor of professional studies |
| **Course associates:**  | **Goran Mikec**, M.Eng.Agr.,assistant |
| **Modes of delivery:** | **Number of hours**  |
| **Lectures** | 30 |
| **Excersises,** | 15 |
| **Seminars** | 15 |

**COURSE OBJECTIVES:** To present to the students the peculiarities of hunting dog breeds and the health problems that may occur during their breeding, hunting organizations and the breeding of hunting game.

**COURSE CONTENT**

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|  |  | **Modes of delivery:** | **Places of delivery** |
|  | **Course units**  | **L, E, S** |
|  | ***Introduction to cynology -*** history and significance of cynological organizations. | 1 L | Classroom |
|  | ***Origin of dogs*** - prehistoric period, common features of ancient mammals, dog evolution, Canidae family, modern dogs and their ancestors. | 1 L | Classroom |
|  | ***Anatomy of a dog*** - areas of the body, division of dogs according to head shape, skeletal and muscular system and other organ systems in dogs, senses in dogs. Basic breeding methods in cynology. | 3 L | Classroom |
|  | ***Feeding and accommodation of dogs*** - basic features of dog digestion, proteins, fats, carbohydrates, feeding of younger and older age groups of dogs. | 1 L | Classroom |
|  | ***Physiology of dog reproduction*** - male and female reproductive system, sexual cycle, hormonal regulation of the sexual cycle. | 2 L | Classroom |
|  | ***FCI - systematization of dogs*** - overview of dog breeds according to FCI - systematization and peculiarities of individual groups. | 2 L | Classroom |
|  | ***Dog diseases*** - diseases of individual organ systems and organs, diseases that are detected and suppressed by law. | 2 L | Classroom |
|  | ***Basics of dog education*** - dog education and training, constitution, condition and temperament, aids in dog training. | 1 L | Classroom |
|  | ***Dog welfare*** - welfare and welfare protection of dogs, stress, innate and learned actions. | 1 L | Classroom |
|  | ***Colloquium I.*** | 1 L | Classroom |
|  | ***Large game*** - deer, roe deer, mouflon, etc.. | 2 L | Classroom |
|  | ***Small game*** - badger, marten, rabbit, etc. | 2 L | Classroom |
|  | ***Feathered game*** - pheasant, grouse, partridge, etc. | 2 L | Classroom |
|  | ***Management of the hunting ground*** - natural breeding of game. | 2 L | Classroom |
|  | ***Breeding of deer game*** - breeding of deer, roe deer, etc.. | 1 L | Classroom |
| 15. | ***Breeding of small game*** - breeding of rabbits, pheasants, etc. | 2 L | Classroom |
|  16. | ***Breeding of game in farms and fenced hunting grounds.*** | 1 L | Classroom |
|  17. | ***Game hunting*** - individual hunting, group hunting. | 1 L | Classroom |
|  18. | ***The meaning of the basic legal terms on the hunting ground*** - terms that are used in the Hunting Act. | 1 L | Classroom |
|   | ***Colloquium II.*** | 1 L | Classroom |
| 19. | ***Breeds of service dogs*** - according to the FCI classification. | 2 E | Classroom |
|  20. | ***Breeds of hunting dogs*** - according to FCI classification. | 2 E | Classroom |
|  21. | ***Working with a service dog*** - obedience and tracking exercises. | 2 E | Classroom,practicum |
|  22. | ***Working with a hunting dog*** - obedience exercises. | 1 E | Classroom,practicum |
|  23. | ***Procedure with shot game*** - removal of internal organs, skinning game. | 2 E | Classroom |
|  24. | ***Judging of hunting trophies*** - classification of trophies for certain types of game into those that are judged and those that are not. | 3 E | Classroom |
|  25. | ***Hunting weapons*** - weapons for hunting small game, weapons for hunting large game, combined weapons. | 3 E | Classroom |
|  26. | ***Dogs of the 1st, 2nd and 3rd FCI groups*** | 2 S | Classroom |
|  27. | ***Dogs of the 3rd, 4th and 5th FCI groups.*** | 2 S | Classroom |
|  28. | ***Dogs of the 6th to 10th FCI groups.***. | 2 S | Classroom |
|  29. | ***Breeding of deer game.*** | 6 S | Classroom |
|  30. | ***Breeding of small game.*** | 3 S | Classroom |
| **In total** | **30+15+15****(L+E+S)** |  |

**L=Lectures, E=Excersises, S=Seminars**

**Learning outcomes (LO)**

LO 1. Present the systematics of hunting dog breeds based on the world cynological organization.

LO 2. Assess the physiological and pathological forms of animal behavior.

LO 3. Determine the population structure and economic age of game.

LO 4. Construct a hunting plan in the hunting ground.

LO 5. Present the ways of hunting.

LO 6. Assess hunting trophies.

Course holder:

Damir Alagić, Ph. D., professor of professional studies

Križevci, July 2024