

Nutrition of companion animals (2 CFU; 24 h)			
Students are taught how to formulate a correct diet for dogs, cats and horses in the different life stages and in presence of some specific diseases.			
Lessons			
Subjects and achieved skills	Subjects	Specific contents	Hours
1. BASIS OF CANINE AND FELINE NUTRITION (3 H)	<i>Anatomy and physiology of the digestive system of dogs and cats</i>	Digestive system peculiarities of dogs and cats	1
	<i>Nutritional requirements of dogs and cats</i>	Energy requirements of dogs and cats	1
		Feline nutritional peculiarities	1
2. NUTRITIONAL MANAGEMENT OF BITCHES AND QUEENS (2 H)	<i>Nutritional management during pregnancy and lactation</i>	Nutritional management and nutrition-related diseases of bitches and queens during pregnancy and lactation	1
	<i>Nutritional management of puppies and kittens from birth until weaning</i>	Nutritional management of puppies and kittens from birth until weaning; nutritional management of orphan puppies and kittens	1
3. NUTRITIONAL MANAGEMENT OF SPORTING AND WORKING DOGS (2 H)	<i>Nutritional management of sporting and working dogs</i>	Nutritional management of sporting and working dogs; nutrition-related diseases of sporting dogs	2
4. CANINE AND FELINE OBESITY (2 H)	<i>Prevention, treatment and consequences of obesity in dogs and cats</i>	Obesity risk factors; treatment and consequences of obesity in dogs and cats	2
5. FOOD INTOLERANCE IN DOGS AND CATS (2 H)	<i>Management of food intolerances in dogs and cats</i>	Classification of food intolerances; food allergy diagnosis; management of food intolerances in dogs and cats	2
6. NUTRITIONAL MANAGEMENT OF FELINE UROLITHIASIS (2 H)	<i>Prevention and nutritional management of feline urolithiasis</i>	The influence of diet on feline urolithiasis; prevention and nutritional management of feline urolithiasis	2

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Subjects and achieved skills	Subjects	Specific contents	Hours
7. NUTRITION OF AGED ANIMALS	<i>Nutrition of aged animals</i>	Nutrition as a tool to prevent and treat some of the most common diseases of elderly dogs and cats	1
8. BASIS OF EQUINE NUTRITION (2 H)	<i>Anatomy and physiology of the digestive system of horses</i>	Digestive system peculiarities of horses	1
	<i>Nutritional requirements of horses</i>	Energy and nutritional requirements of horses	1
9. NUTRITIONAL MANAGEMENT OF SPORTING HORSES (2 H)	<i>Nutritional management of sporting horses</i>	Nutritional management of sporting horses	2
10. PRACTICAL EXERCISES (6 H)	<i>Formulation of diets for dogs, cats and horses</i>	Formulation of diets for dogs, cats and horses using a specific feed formulation software	6