

Course Description Form

1. Course Name: Animal Nutrition

2. Course Code: VEH2111

3. Semester / Year: Second Semester (theoretical and practical)

4. Description Preparation Date: 12/2/2024

5. Available Attendance Forms: Second stage students

6. Number of Credit Hours (Total) / Number of Units (Total) : 30 hours / 3 units

7. Course administrator's name (mention all, if more than one name)

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8. Course Objectives

Course Objectives

1. Learn about the basic principles of animal nutrition.
2. Learn about the specifications and function of various nutrients.
3. Evaluation of nutrition types according to customer category.

9. Teaching and Learning Strategies

Strategy

1. Electronic theoretical lectures and practical applications in the laboratory.
- 2- The traditional recitation method.
- 3 - Group Learning Team project.
- 4 - A workshop to develop students' skills application learning
- 5- Applied learning.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2+2		Trace elements, functions and deficiency symptoms	theoretical + practical	Questions and discussion
The second	2+2		Trace elements, functions and deficiency symptoms	theoretical + practical	Questions and discussion
The third	2+2		Trace elements, functions and deficiency symptoms	theoretical + practical	Questions and discussion
The fourth	2+2		Vitamins, function and deficiency symptoms.	theoretical + practical	Questions and discussion
Fifth	2+2		Vitamins, function and deficiency symptoms.	theoretical + practical	Questions and discussion
Sixth	2+2		Vitamins, function and deficiency symptoms.	theoretical + practical	Questions and discussion
seventh	2+2		Evaluation of food digestibility, Energy content of foods and partition	theoretical + practical	Questions and discussion
Eighth	2+2		Evaluation of food digestibility, Energy content of foods and partition	theoretical + practical	Questions and discussion
Ninth	2+2		Evaluation of food digestibility, Energy content of foods and partition	theoretical + practical	Questions and discussion
The tenth	2+2		Methods of expressing the energy value of foods.	theoretical + practical	Questions and discussion
eleventh	2+2		Methods of expressing the energy value of foods.	theoretical + practical	Questions and discussion
Twelfth	2+2		Methods of expressing the energy value of foods.	theoretical + practical	Questions and discussion
Thirteenth	2+2		Feeding maintenance and growth: Ruminants, Rabbit Poultry	theoretical + practical	Questions and discussion
fourteenth	2+2		Feeding maintenance and growth: Ruminants, Rabbit Poultry	theoretical + practical	Questions and discussion
fifteen			Final Exam Theoretical		

11. Course Evaluation

1. Monthly tests.
2. Semi-annual and annual tests.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Animal Nutrition science
Main references (sources)	Animal Nutrition (seventh edition)
Recommended books and references (scientific journals, reports...)	General Animal Nutrition
Electronic References, Websites	