



Training Course specification of Nutrition and Clinical Nutrition	
1-Basic information	
Course title :	Training course specification of Nutrition and Clinical Nutrition
Academic year:	3 rd academic year (2014/2015)
Programme title:	Bachelor of Veterinary Medical Sciences
Contact hours /week/semester:	See training program specification

2-Professional information

1- Overall aims of course
At the end of this course, the students had the ability to deal with different nutritional practices such as applied ration formulation, feed mills, feed mill Evaluation, malnutrition diseases, and clinical nutrition for different animals, poultry, and fish species.
2- Intended learning outcomes of course (ILOs)
<u>a-Knowledge and understanding</u>
By the end of this course the student should be able to: A.1. Formulate the rations and clinical rations for different species and purposes. a.2. Determine the specific required feed additives a.3. Evaluate the technical procedure of feed mills such as mixing and pelleting a.4. Determine apparently the malnutrition disorders.
<u>b-Intellectual skills</u>
By the end of this course the student should be able to : b.1. Interpret the different nutrients analysis report to adjust the problems. b.2. Plan for apparent differential diagnosis of malnutrition disorders. b.3. Record the clinical negative impacts of pellets production. b.4. adjust the specific required rations for each species.
<u>c-Professional and practical skills</u>
By the end of this course the student should be able to: c.1. Deal with nutrients requirements for different animals, fish and poultry. c.2. Apply different method for evaluation of feeds and feed mills. c.3. Perform a specific methods of nutrients analysis. c.4. Deal with different clinical nutrition situations of different species

d-General and transferable skill

By the end of studying the course, the student should be able to

- d.1. Write structured prescription of different rations and analytical reports
- d.2. Work effectively as a part of team or individually to collect data and /or to write report.
- d.3. Gain the veterinary ethics that dealing with owners, poultry and animals.
- d.4. Good communication skills.

3-Topics and contents

Topic
1- Feeds and Feed mills evaluation
2- Malnutrition disorders and their prevention
3- Most commonly used feed additives
4- Clinical Nutrition

4-Teaching and learning methods -

- 4.1 Lab. Lecture, field visits and conveys.
- 4.2. Small group workshop

5-Student assessment

See summer training program specification

Training coordinator	Head of department
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