

## Course Weekly Outline

<b>Course Instructor</b>	Majid Hameed Rashid				
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<b>Title</b>	Animal nutrition				
<b>Course Coordinator</b>	Second Course				
<b>Course Objective</b>	Teaching students about animal nutrition, digestive tracts, feeds nutrients, Improving of feeds and Digestibility.				
<b>Course Description</b>	Describe all the plants and feeds consumed by animals, nutrient value, intake, factors affecting on animal feeding and all the rations.				
<b>Textbook</b>	Digestive physiology and nutrition of ruminant. D.C. Church. translated by A. Al. Attar. University of Basra. 1981.				
<b>References</b>	Many other references and articles from internet.				
<b>Course Assessment</b>	Term Tests As (25%)	Laboratory As (10%)	Quizzes As (5%)	Project ----	Final Exam As (60%)
<b>General Notes</b>					

## Course weekly Outline

week	Date	Topics Covered	Practical Part
1		Animal body consumption	How to work in library
2		Carbohydrates	Determination of moisture
3		Lipids	Determination of dry matter
4		Proteins	Determination of Ash
5		Digestion in animals	Determination of protein
6		Digestion in ruminant	First month exam
7		First month exam	Determination of lipid
8		Carbohydrate digestion	Determination of fibers
9		Proteins digestion	Determination of NFE
10		Lipids digestion	Determination of ADF
11		NPN component	Determination of ADL
12		Absorption	Second month exam
13		Second month exam	
14		Metabolism and energy component	
15		Metabolic disorder in ruminant	

Instructor Signature:

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