



Jordan University of Science and Technology
Faculty of Agriculture
Animal Production Department

AP715 Advanced Poultry Nutrition - JNQF Level: 9

Second Semester 2023-2024

Course Catalog

3 Credit Hours. Digestion and nutrients availability, feed additives and nutrients interrelation in poultry, feed components and feed formulation

Teaching Method: On Campus

Text Book

Title	Scott's Nutrition of the Chicken
Author(s)	S. Leeson and J.D. Summers
Edition	4th Edition
Short Name	Scott's Nutrition of the Chicken
Other Information	

Instructor

Name	Dr. Basheer Nusairat
Office Location	-
Office Hours	
Email	bmnusairat@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Mon, Wed : 13:00 - 14:30
Room: LAB

Tentative List of Topics Covered

Weeks	Topic	References
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Weeks 1, 2	Digestion and Nutrients Availability	
Weeks 3, 4	Ingredients Evaluation and Energy	
Weeks 5, 6	Protein and Amino Acids	
Weeks 7, 8	Minerals	
Weeks 9, 10	Vitamins	
Weeks 11, 12	Feed Additives	
Weeks 13, 14, 15	Feed Ingredients and Feed Formulation	
Week 16	Nutrients Interrelation	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Understand digestion and nutrients availability [1SLO 2] [1L9K3, 1L9S2]	50%	
Understand feed additives and nutrients interrelation in poultry [1SLO 3] [1L9K1, 1L9K2, 1L9K3]	10%	
Know feed formulation components and formulate feed [1SLO 4] [1L9S1, 1L9C2, 1L9C3, 1L9C4]	40%	

Relationship to Program Student Outcomes (Out of 100%)			
SLO 1	SLO 2	SLO 3	SLO 4
	50	10	40

Relationship to NQF Outcomes (Out of 100%)							
L9K1	L9K2	L9K3	L9S1	L9S2	L9C2	L9C3	L9C4
3.33	3.33	28.33	10	25	10	10	10

Evaluation	
Assessment Tool	Weight
First Exam	25%
Second Exam	25%
Final Exam	50%

Policy	
Exams	All exams are closed book and notes. The final exam is comprehensive (covers all the material). Incomplete exams need approval from the department chair
Cheating	Prohibited; and in case of cheating the student will be subject to punishment according to the university regulations

Participation	Participation is highly encouraged
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