

## Course Syllabus

1	Course title	Poultry diseases
2	Course number	(0602332)
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	(2,1)
4	Prerequisites/corequisites	Principles of animal production
5	Program title	B.Sc. Animal Production
6	Program code	602
7	Awarding institution	The University of Jordan
8	School	School of agriculture
9	Department	Animal production
10	Level of course	Third year
11	Year of study and semester (s)	Third year (first and second semester)
12	Final Qualification	Bachelor
13	Other department (s) involved in teaching the course	None
14	Main teaching language	English
15	Online platforms(s)	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input checked="" type="checkbox"/> Others.....
16	Issuing/Revision Date	22/12/2021

### 16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Name: Firas Mahmoud Hayajneh  
Office number: 112  
Phone number: 00962792799430  
Email: firashope@gmail.com

### 17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

### 18. Course Description:

As stated in the approved study plan.

The purpose of this course is to provide students with a ready and accessible source of information about the more important diseases of chickens. The diseases described in this course are grouped by the nature of the etiologic agents (viral, bacterial, parasitic, mycoplasmal, fungal and nutritional) with consideration of epidemiology including, causes, pathogenesis, diagnosis, prevention and control and zoonosis.

## **19. Course aims and outcomes:**

**- Aims:**

The purpose of this course is to establish an understanding of feeding ruminants, major feed sources, and to distinguish clearly the method of building feed rations.

**B- Students Learning Outcomes (SLOs):**

Upon successful completion of this course, students will be able to:

<b>Program ILOs*</b>	ILO (1)	ILO (2)	ILO (3)	ILO (4)	ILO (5)	ILO (6)	ILO (7)	ILO (8)
<b>Course SLOs</b>								
(1) Understand the knowledge and abnormalities in the signs, lesions, and behavior of poultry in their habitat or farms	X							
(2) Understand the knowledge and practical skills of poultry disease prevention and treatment.		X				X		X
(3) understanding of different poultry disease agents (bacterial, viral parasitic or fungal)	X					X		X
(4) The graduate has knowledge of public health regarding the role of poultry and poultry by-products in transmitting some important diseases to humans as avian influenza, salmonellosis, and food poisoning	X	X			X			X

\* **Program ILOs:** B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to:

ILO (1): Demonstrate a deep understanding of the basic principles in the various areas of livestock production; including nutrition, physiology, genetics, health and management.

ILO (2): Apply the acquired knowledge in various areas of livestock production.

ILO (3): Utilize critical thinking and logical reasoning in addressing issues related to livestock production.

ILO (4): Communicate effectively with a wide range of related stakeholders and provide appropriate extension services.

ILO (5): Apply the principles of public safety and environmental protection.

ILO (6): Acquire and apply practical skills along with keeping up with recent advances in livestock production.

ILO (7): Identify basic principles of research methodology and evidence-based decision making.

ILO (8): Abide by the professional, ethical, and legal considerations relevant to the livestock production.

## 20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation methods	References
viral diseases.	1	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saund
Newcastle disease.	1	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saund
Avian Influenza	1	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saund
Avian Encephalomyelitis.	2	Dr Firas Hayajneh	C1 C2 C3 C4	Assignments , quizzes and report	Poultry diseases 2001 Saund

Infectious bronchitis.	2	Dr Firas Hayajneh	C5 C6 C7	Assignments , quizzes and report	Poultry diseases 2001 Saunders
ILT	2	Dr Firas Hayajneh	A1 A2 D1 D2 D3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Gumboro	3	Dr Firas Hayajneh	D4 D5 C1 C2 B1	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Runting or stuning disease.	3	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Fowl box.	3	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Marek's disease.	3	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Lymphoid Leucosis.	4	Dr Firas Hayajneh	C1 C2 C3 C4	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Egg drop syndrome 76.	4	Dr Firas Hayajneh	C5 C6 C7	Assignments , quizzes and report	Poultry diseases 2001 Saunders
mycoplasma.	5	Dr Firas Hayajneh	A1 A2 D1 D2 D3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
bacterial diseases.	5	Dr Firas Hayajneh	D4 D5 C1 C2 B1	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Salmonellosis.	6	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Avian coliform infection.	6	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Staphylococci.		Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Avian Tuberculosis.	6	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Infectious coryza.	6	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Avian streptococcal infection.	7	Dr Firas Hayajneh	C1 C2 C3 C4	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Clostridia	7	Dr Firas Hayajneh	C5 C6 C7	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Avian pasteruellosis	7	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Protozoan diseases.	8	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Coccidiosis.	9	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saunders

Coccidiosis.	10	Dr Firas Hayajneh	C1 C2 C3 C4	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Internal parasites.	11	Dr Firas Hayajneh	C5 C6 C7	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Ascaridia galli.	11	Dr Firas Hayajneh	A1 A2 D1 D2 D3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Tape worms.	12	Dr Firas Hayajneh	D4 D5 C1 C2 B1	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Tape worms.	12	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
External parasites.	13	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Fowl ticks.	13	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Lice.	14	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
fungal diseases.	14	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Aspergillosis	15	Dr Firas Hayajneh	C1 C2 C3 C4	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Ricketts.	15	Dr Firas Hayajneh	C5 C6 C7	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Osteomalacia.	15	Dr Firas Hayajneh	A1 A2 D1 D2 D3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Vitamin A deficiency.	16	Dr Firas Hayajneh	D4 D5 C1 C2 B1	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Vitamin E deficiency.	16	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Drug poisoning.	16	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Sodium chloride poisoning.	16	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Drug poisoning.	16	Dr Firas Hayajneh	A1, A2 A3	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Cannibalism.	16	Dr Firas Hayajneh	A1 B1 B2	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Chilling.	15	Dr Firas Hayajneh	A3 A4 B3 B4 B5	Assignments , quizzes and report	Poultry diseases 2001 Saunders
Starvation.	16	Dr Firas Hayajneh	C1 C2 C3 C4	Assignments , quizzes and report	Poultry diseases 2001 Saunders

Ammonia burns management related mortality	16	Dr Firas Hayajneh	C5 C6 C7	Assignments , quizzes and report	Poultry diseases 2001 Saunders
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## 21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

Evaluation Activity	Learning Methods	Evaluation Methods
A. Knowledge and Understanding (A1-A4)	Lectures and Discussions	Exam, and assignments
. Intellectual Analytical and Cognitive Skills (B1-B5)	Lectures and Discussions	Exam, and assignments
C. Subject Specific Skills (C1-C7)	Lectures and Discussions	Exam, and assignments
D. Transferable Key Skills (D1-D5)	Lectures and Discussions	Exam, and assignments

## 22. Evaluation Methods

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Exams, lab reports and assignments

Evaluation Activity	Mark	Topic(s)	SLOs	Period (Week)	Platform
Lab	30%	Lab materials	See the students learning outcomes (SLOs) table	Throughout the semester	Face to Face
Midterm Exam	30%	Viral diseases		9 (26-4-2022)	Face to Face
Final Exam	40%	All covered topics		16 (According to admission and registration unit)	Face to Face

## 23. Course Requirements:

## 24. Course Policies:

A- Attendance policies:

B- Absences from exams and handing in assignments on time:

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehaviour:

E- Grading policy:

F- Available university services that support achievement in the course:

## 24. Required equipment: (Facilities, Tools, Labs, Training....)

Animal disease lab in the department

## 2°. References:

Required book (s), assigned reading and audio-visuals:

1. Poultry diseases 2001. F. Jordan, M. Pattison, D. Alexander and T. Faragher. W.B Saunders London.
2. Diseases of poultry, 1997. 10th Ed., Ed. By B. W. Calrek, Iowa state university. Ames, Iowa. USA.



**26. Additional information:**

Name of Course Coordinator: Dr Firas Mahmoud Hayajneh Signature: ----- Date:  
22/12/2021

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: -----Signature: -----