

Specification for Poultry Diseases course 2025/2026

1-Basic information

| | | | | | | | | | |
|-----|---|-------------------------------------|---|-----------|---|-------|---|-------|---|
| 1. | Course title | Poultry Diseases | | | | | | | |
| 2. | Course code | 513 (B) II | | | | | | | |
| 3. | Department offering the course | Poultry Diseases | | | | | | | |
| 4. | Number of hours | Theoretical | 2 | Practical | 3 | Other | 0 | Total | 5 |
| 5. | Course Type | √ Obligatory Elective | | | | | | | |
| 6. | Level | 5 th year | | | | | | | |
| 7. | Semester | Second semester | | | | | | | |
| 8. | Academic program | Bachelor Veterinary medicine (BVM) | | | | | | | |
| 9. | Faculty | Faculty of Veterinary medicine | | | | | | | |
| 10. | University | Benha University | | | | | | | |
| 11. | Name of course coordinator | Dr Sawsan Sami Elbasuni | | | | | | | |
| 12. | Course Specification Approval Date | Faculty council/ 27-8-2025 | | | | | | | |
| 13. | Course Specification Approval (Attach the decision/minutes of the department /committee/council) | Department council/ | | | | | | | |

2-Course overview

- Course contents written in the program bylaw:
Aspergillosis, candidiasis, favus, aflatoxicosis, ochratoxicosis, coccidiosis, cryptosporidiosis, histomoniasis, nematodes, cestodes and trematodes, extraparasites, vit A, D, E, K, B1, B2, calcium and phosphorus deficiency.
Skin diseases of rabbits, diseases of respiratory , digestive, urogenital systems of rabbits and diseases of eye of rabbits.

3- Intended learning outcomes of the course (ILOs):

| | NARS ILOS | | Course ILOS | |
|-----------------------------|-----------|--|-------------|--|
| | Code | Text | Code | Text |
| Knowledge and understanding | 2.6. | Basics of nutrition and feeding practices of healthy and diseased animals. | a3 | Describe the methods of disease prevention and control |

| | | | | |
|---------------------|------|---|----|---|
| | 2.11 | The most appropriate diagnosis and differential diagnosis of animals, poultry and fish diseases | a1 | Mention various causes of poultry and rabbit diseases, their pathogenesis, macroscopic and microscopic pathological lesions, and laboratory diagnosis . |
| | | | a2 | Identify the most appropriate diagnosis and differential diagnosis of poultry and rabbit diseases. |
| Intellectual skills | 4.4 | Proficiently secure diagnostic reasoning, develop problem lists and differential diagnosis in order to deductively and critically reach the most appropriate solution (s) and management of the addressed clinical problems | b1 | Collect history and data required for disease diagnosis. |
| | | | b2 | Analyze the causes of the problem. |
| | | | b3 | Design differential diagnosis to reach the specific disease for good control of the case. |
| | 4.5. | Remain committed to life – long learning and updating upgrading their biochemical sense and clinical skills. | b4 | Assess the problem according to available facilities |
| Practical skills | 3.7. | Assess and advise about animal management, nutrition under conditions of health and disease, and reproductive efficiency | c1 | Carry out case history from poultry flock . |
| | | | c2 | Apply clinical examination of diseased cases |
| | 3.8. | Skillfully and appropriately gain and use new information remain current with the emerging biomedical knowledge and therapeutic options. | c3 | Perform lab diagnosis. |
| | 3.9 | Conduct evidence-based problem-solving of field-presented problems tasks | c4 | Design case report and interpret findings. |
| | | | c5 | Choose therapeutic approach of the case |
| Transferable skills | 5.1. | Work under pressure and/or contradictory conditions | d1 | Manage time efficiently to accomplish assignments accurately and within designated deadlines, |

| | | | | |
|--|------|--|----|---|
| | | | | demonstrating organizational skills and discipline in prioritizing tasks to optimize productivity and meet academic obligations. |
| | 5.2. | Function in a multidisciplinary team. | d2 | Collaborate effectively within multidisciplinary teams when conducting research papers, contributing diverse perspectives and expertise to achieve common research objectives while demonstrating adaptability and teamwork. |
| | 5.3. | Communicate appropriately verbally and nonverbally | d3 | Demonstrate effective communication skills in interactions with lecturers and classmates, fostering productive dialogue and collaborative learning environments conducive to academic growth and knowledge exchange |
| | 5.4. | Organize and control tasks and resources. | d4 | Recognize the importance of community engagement and actively contribute to societal well-being through their roles as knowledgeable professionals, applying their expertise and skills to address community needs and promote positive change. |

| 4- Teaching and learning methods | | | | | |
|----------------------------------|----------------|--------------------------------------|---|----------------|---|
| Lectures | √ | Discussion & seminar (self-learning) | √ | Practical | √ |
| Presentation & movies | √ | Problem solving | √ | Brain storming | √ |
| Others | Field training | | | | |

- Course contents:

| Number of the Week | Scientific content of the course (Course Topics) | Expected number of the Learning Hours | | | | |
|--------------------------|---|---------------------------------------|---|--|--|-------|
| | | Total Weekly hours | Theoretical teaching (lectures/disc ussion groups/) | Training (Practical/ Clinical/) | Self-learning (Tasks/ Assignments/ Projects/ ...) | Other |
| W1 | Aspergillosis | 5 | 2 | 0 | | 0 |
| | Aspergillosis | | 0 | 3 | | 0 |
| W2 | Candidiasis | 5 | 2 | 0 | | 0 |
| | Candidiasis | | 0 | 3 | | 0 |
| W3 | Favus, Aflatoxicosis | 5 | 2 | 0 | Formative quiz(self- learning) | 0 |
| | Favus, Aflatoxicosis | | 0 | 3 | | 0 |
| W4 | Ochratoxicosis. Coccidiosis | 5 | 2 | 0 | | 0 |
| | Ochratoxicosis, Coccidiosis | | 0 | 3 | | 0 |
| W5 | Cryptosporidiosis Histomoniasis | 5 | 2 | 0 | | 0 |
| | Cryptosporidiosis Histomoniasis | | 0 | 3 | | 0 |
| W6 | Nematodes | 5 | 2 | 0 | Formative quiz(self- learning) | 0 |
| | Nematodes | | 0 | 3 | | 0 |
| W7 | Semester works and Mid-term exam | | | | | |
| W8 | Cestodes and Trematodes | 5 | 2 | 0 | | 0 |
| | Cestodes and Trematodes | | 0 | 3 | | 0 |
| W9 | Extoparasites | 5 | 2 | 0 | | 0 |
| | Extoparasites | | 0 | 3 | | 0 |
| W10 | Vit. A deficiency, Vit. D. deficiency, Vit. E. deficiency Vit. K. deficiency, Vit. B-1 & B2. Deficiency | 5 | 2 | 0 | Formative quiz(self- learning) | 0 |

| | | | | | | |
|-----|--|---|---|---|-------------------------------|---|
| | Vit. A deficiency, Vit. D. deficiency, Vit. E. deficiency Vit. K. deficiency, Vit. B-1 & B2. Deficiency | | 0 | 3 | | 0 |
| W11 | Skin Diseases of Rabbits | 5 | 2 | 0 | | 0 |
| | Diseases of Respiratory system of Rabbits | | | | | |
| | Skin Diseases of Rabbits | | 0 | 3 | | 0 |
| | Diseases of Respiratory system of Rabbits | | | | | |
| W12 | Diseases of Digestive system of Rabbits | 5 | 2 | 0 | | 0 |
| | Diseases of Digestive system of Rabbits | | 0 | 3 | | 0 |
| W13 | Diseases of Urogenital system of Rabbits | 5 | 2 | 0 | Formative quiz(self-learning) | 0 |
| | Diseases of Urogenital system of Rabbits | | 0 | 3 | | 0 |
| W14 | Diseases of Eye of Rabbits | 5 | 2 | 0 | | 0 |
| | Diseases of Eye of Rabbits | | 0 | 3 | | 0 |
| W15 | Practical exam | | | | | |

5- Assessment timing and grading:

a- Assessment methods (summative and formative)

1. **Formative assessment:** including (weekly quizzes, homework assignments and surveys).
2. **Summative assessment** including (quizzes, class activates, Mid-term exam, practical exam, oral exams and final written exams).

b- Assessment schedule and weight

| Assessment method | Timing | Grade | Percent |
|----------------------|-----------------------|-------|---------|
| Mid-term exam | 7 th week | 15 | 15% |
| Formative assessment | Throughout semester | - | - |
| Practical exam | 15 th week | 20 | 20% |
| oral exam | End of semester | 15 | 15% |
| Written exam | End of semester | 50 | 50% |
| Total | | 100 | 100 |

6- Learning resources and supportive facilities:

| Learning resources | Main reference | Student handbook |
|-----------------------|-----------------------------------|--|
| | Essential books (text books) | <ul style="list-style-type: none"> • J.L. Vegad (2016) Acolour Atlas Of Poultry Diseases. • J.L. Vegad (2014) Poultry Diseases • Y.M.Saif (2003) Diseases of poultry 11th Edition • frank Jordan (2002) Poultry Diseases • J.L. Vegad (2016) Acolour Atlas Of Poultry Diseases. • frank Jordan (2002) Poultry Diseases |
| | Periodicals, Web sites, . . . etc | <ul style="list-style-type: none"> • J American Journal of Veterinary Medical Association • Benha veterinary medical journal • Poultry science journal • www.OIE.int.org • www.FAO.int.org • www.WHO.int.org • www.arabvet.com • www.ekb.eg |
| | Learning platform | Thinqi |
| supportive facilities | Devices & instruments | As listing in device guideline |
| | | <ul style="list-style-type: none"> • Teaching hall (data show, white board). • Equipped laboratory of veterinary medical diagnosis. • Samples of veterinary drug and vaccine. • Central laboratory for poultry disease diagnosis • Central laboratory for experimental laboratory animals • Poultry farm |

Matrices:

A- Content and ILOs matrix:

| Topic | A) Knowledge and understanding | B) Intellectual skills | C) Professional and practical skills | D) General and transferable skills |
|---------------|-----------------------------------|------------------------|---|---------------------------------------|
| Aspergillosis | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Candidiasis | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d4 |

| | | | | |
|---|----------|-------------|----------------|-------------|
| Favus | a1,a2 | b1,b2,b3 | c1,c2,c3 | d1,d2,d3,d4 |
| Aflatoxicosis | a1,a2 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Ochratoxicosis | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3 |
| Coccidiosis | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Cryptosporidiosis | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Histomoniasis | a1,a2,a3 | b1,b2,b3 | c1,c2,c3, c5 | d1,d2,d3,d4 |
| Nematodes | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Cestodes and Trematodes | a1,a2 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Extoparasites | a1,a2 | b1,b2 | c1,c2,c3 | d1,d2,d3 |
| Vit. A deficiency | a1,a2, | b1,b2,b3 | c1,c2,c5 | d1,d2,d3 |
| Vit. D. deficiency | a1,a2 | b1,b2,b3 | c1,c2,c5 | d1,d2,d3,d4 |
| Vit. E. deficiency | a1,a2 | b1,b2,b3 | c1,c2,c5 | d1,d2,d3,d4 |
| Vit. K. deficiency | a1,a2 | b1,b2,b3 | c1,c2,c5 | d1,d2,d3,d4 |
| Vit. B1 & B2. Deficiency | a1,a2 | b1,b2,b3 | c1,c2,c5 | d1, d3,d4 |
| Calcium and Phosphores deficiency | a1,a2 | b1,b2,b3 | c1,c2,c5 | d1,d2,d3 |
| Skin Diseases of Rabbits | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d3,d4 |
| Diseases of Respiratory system of Rabbits | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3 |
| Diseases of Digestive system of Rabbits | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Diseases of Urogenital system of Rabbits | a1,a2 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |
| Diseases of Eye of Rabbits | a1,a2,a3 | b1,b2,b3,b4 | c1,c2,c3,c4,c5 | d1,d2,d3,d4 |

B- Teaching and learning methods and ILOs matrix:

| Course ILOs | | Teaching and Learning methods | | | | | | |
|-----------------------------------|----|-------------------------------|-----|-----|--------|----|----|-----|
| | | L | P&M | D&s | P(TPL) | Ps | Bs | FTP |
| Knowledge & understanding | a1 | √ | √ | √ | | | √ | |
| | a2 | √ | √ | √ | | | √ | |
| | a3 | √ | √ | √ | | | √ | |
| Intellectual skills | b1 | √ | √ | √ | | √ | √ | √ |
| | b2 | √ | √ | √ | | √ | √ | √ |
| | b3 | √ | √ | √ | | √ | √ | √ |
| | b4 | √ | √ | √ | | √ | √ | √ |
| Professional and practical skills | c1 | | √ | √ | √ | √ | | √ |
| | c2 | | √ | √ | √ | √ | | √ |
| | c3 | | √ | √ | √ | √ | | √ |
| | c4 | | √ | √ | √ | √ | | √ |
| | c5 | | √ | √ | √ | √ | | √ |
| General skills | d1 | √ | | √ | | √ | | √ |
| | d2 | √ | | √ | √ | | | √ |

| | | | | | | | | |
|--|----|--|---|---|---|--|--|---|
| | d3 | | | √ | √ | | | √ |
| | d4 | | √ | √ | | | | √ |

L: Lecture, **P&M:** Presentations & Movies, **D&S:** Discussions & Seminars (self-learning),
P(TPL): Practical, **Ps:** Problem solving, **Bs:** Brain storming, **FTP:** field trip, Training, Project

C- Assessment methods and ILOs matrix:

| Course ILOs | | assessment method | | | | |
|-----------------------------------|----|----------------------|---------------|------|-----------|---------|
| | | Formative assessment | Mid-term exam | Oral | Practical | Written |
| Knowledge & understanding | a1 | √ | √ | √ | | √ |
| | a2 | √ | √ | √ | | √ |
| | a3 | √ | √ | √ | | √ |
| Intellectual skills | b1 | √ | √ | √ | | √ |
| | b2 | √ | √ | √ | | √ |
| | b3 | √ | √ | √ | | √ |
| | b4 | √ | √ | √ | | √ |
| Professional and practical skills | c1 | √ | | | √ | |
| | c2 | √ | | | √ | |
| | c3 | √ | | | √ | |
| | c4 | √ | | | √ | |
| | c5 | √ | | | √ | |
| General skills | d1 | √ | | | | |
| | d2 | √ | | | | |
| | d3 | √ | | √ | | |
| | d4 | √ | | | | |

Name and Signature
Course Coordinator

Dr Sawsan Sami Elbasuni

Name and Signature
Program Coordinator

Prof. Dr. Mahmoud Abouelroos