

Specification for animal and poultry production course 2019/2020

A-Affiliation

| | | |
|----|--------------------------------|--|
| 1. | Relevant program | Bachelor of Veterinary Medical Science (BVMSc) |
| 2. | Department offering the course | Animal Wealth Development |

Date of specification approval: ministerial decree No. 1727 on 26/4/2017
(Approved in this template by the department council on 1/10/2019)

B-Basic information

| | | |
|----|-----------------|-------------------------------|
| 1. | Course title | Animal and poultry production |
| 2. | Course code | 213 (B) II |
| 3. | Level | 2 nd year |
| 4. | Semester | Second semester |
| 5. | Total hours | 3 |
| 6. | Lecture hours | 1 |
| 7. | Practical hours | 2 |

C-Professional Information

1- Course learning objectives

The aim of the course is to provide the students with a basic education in the field of poultry production and to enable them to gain the skills and attitudes required for the successful management of poultry farms.

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

a- Knowledge and understanding

After successful completion of the course the students should be able to:

- a1- Describe basics knowledge about poultry Production.
- a2- Identify basis of the establishing different poultry production projects as broiler, layers and breeder projects.
- a3- Explain basis of the establishing poultry farms and projects.

b- Intellectual skills

After successful completion of the course the students should be able to:

- b1- Manage different types of poultry projects
- b2- Evaluate the efficiency of broiler, layers and, breeder projects.
- b3- Design an poultry enterprise and factors must be put in their considerations

c- Professional and practical skills

After successful completion of the course the students should be able to:

- c1- Make feasibility studies to different poultry projects.
- c2- Deal with land, money, poultry and equipment.
- c3- Follow up the broiler, layer, breeder activities in production farms.
- c4- Improve the performance of broiler, layer, breeder projects.

d- General and transferable skills

After successful completion of the course the students should have the following skills

- d1- Demonstrate communication, teamwork and problem solving skills.
- d2- Search skill.
- d3- Organize tasks and resources.

3- Course contribution in the program ILOs:

| Course ILOS | Program ILOS |
|--|-----------------------|
| A Knowledge and understanding | a ¹¹ |
| B Intellectual skills | b ¹¹ |
| C Professional and practical skills | c ⁷ |
| D General and transferable skills | d ^{1, 3,4,6} |

3.1- Course contents:

| Topic | Lecture hours | Practical hours |
|---|---------------|-----------------|
| poultry Industry and Essentials of Establishing a Profitable poultry Farm | 3 | – |
| Productive Performance | 3 | – |
| Herd Replacement and Culling | 3 | – |
| Herd Health Program | 3 | – |
| Broiler, layer and breeder Management | 3 | – |
| Poultry Classification. | – | 4 |
| Selecting and Judging poultry. | – | 6 |
| Body Condition of broiler. | – | 4 |
| The Major Breeds of poultry. | – | 6 |
| Egg types and characters. | – | 6 |
| Artificial incubation | – | 4 |
| Total | 15 | 30 |

The midterm and practical exams are included during the semester

3.2- ILOs matrix:

| Topic | A) Knowledge and understanding | B) Intellectual skills | C) Professional and practical skills | D) General and transferable skills |
|--|-----------------------------------|---------------------------|---|---------------------------------------|
| poultry Industry and Essentials of Establishing a Profitable poultry | a1, a2 | b1, b2,b3 | c1, c2 , c3, c4 | d1,d2,d3 |

| | | | | |
|---------------------------------------|-----------|-----------|-------------|----------|
| Farm | | | | |
| Productive Performance | a1, a2 | b1, b2 | c3, c4 | d1,d2,d3 |
| Herd Replacement and Culling | a1, a2 | b1, b2 | c1, c3, c4 | d1,d2,d3 |
| Herd Health Program | a2 | b1, b3 | c2 , c3, c4 | d1,d2,d3 |
| Broiler, layer and breeder Management | a1, a2,a3 | b1, b2 | c3, c4 | d1,d2,d3 |
| Poultry Classification. | a1, a3 | b2, b3 | c3, c4 | d1,d2,d3 |
| Selecting and Judging poultry. | a1, a3 | b1, b3 | c2 , c3, c4 | d1,d2,d3 |
| Body Condition of broiler. | a1, a3 | b2 | c3, c4 | d1,d2,d3 |
| The Major Breeds of poultry. | a1, a3 | b2 | c2 | d1,d2,d3 |
| Egg types and characters. | a1, a3 | b1, b2,b3 | c2 , c3, c4 | d1,d2,d3 |
| Artificial incubation | a1, a3 | b2 | c3, c4 | d1,d2,d3 |

4- Teaching, learning and assessment methods:

| ILOs | Teaching and Learning methods | | | | | | | | assessment method | | | | |
|-----------------------|-------------------------------|-----|---|---|----|----|----|----------|-------------------|------|-----------|---------|--|
| | L | P&M | D | P | Ps | Bs | FV | semester | midterm | oral | practical | written | |
| General understanding | a1 | x | x | x | 0 | x | 0 | x | x | x | 0 | x | |
| | a2 | x | x | x | 0 | x | 0 | x | x | x | 0 | x | |
| | a3 | x | x | x | 0 | | x | 0 | x | 0 | x | x | |
| Intermediate | b1 | x | x | x | 0 | x | x | x | x | x | 0 | x | |
| | b2 | x | x | x | 0 | x | x | x | x | x | 0 | x | |
| | b3 | x | x | x | 0 | x | x | x | x | x | 0 | x | |
| Applied and practical | c1 | 0 | x | 0 | x | x | 0 | x | 0 | x | x | 0 | |
| | c2 | 0 | x | 0 | x | x | 0 | x | 0 | x | x | 0 | |
| | c3 | 0 | x | 0 | x | x | 0 | x | 0 | x | x | 0 | |
| | c4 | 0 | x | 0 | x | x | 0 | x | 0 | x | x | 0 | |
| General skills | d1 | x | 0 | x | 0 | x | x | x | 0 | x | 0 | 0 | |
| | d2 | 0 | x | 0 | 0 | x | x | 0 | 0 | x | 0 | x | |
| | d3 | 0 | 0 | 0 | x | 0 | 0 | x | 0 | x | 0 | 0 | |

L :Lecture, P&M: Presentations & Movies, D&S: Discussions & Seminars PT: Practical, Ps: Problem solving, Bs: Brain storming, FV: field visit

5- Assessment timing and grading:

| Assessment method | timing | grade |
|---------------------------------|----------------------|-------|
| Mid-term exam and semester work | 6 th week | 15 |

| | | |
|----------------|-----------------------|-----|
| Practical exam | 14 th week | 20 |
| oral exam | End of semester | 15 |
| Written exam | End of semester | 50 |
| total | | 100 |

6- List of references

6.1- Course notes:

A concise guide of Animal Production and Breeding edited by animal production members

6.2- Essential books (text books)

- Robert E. Taylor (2013) Scientific Farm Animal Production : An Introduction To Animal Science
- Amarjeet Singh (2008) Animal Husbandry.
- Juho Kyntaja S (2007) Breeding , Production Recording Health And The Evaluation Of Farm Animals
- Smith,G.(1998): Genetic improvement of cattle and sheep. Farming.

6.3- Recommended books

- **Course note.**
- Robert E. Taylor (2013) Scientific Farm Animal Production : An Introduction To Animal Science
- Juho Kyntaja S (2007) Breeding , Production Recording Health And The Evaluation Of Farm Animals.

6.4- Periodicals, Web sites, . . . etc

- Banha Veterinary Medical journal.
(Egyptian Veterinary Medical association.
- Zagazig Veterinary journal
- Indian veterinary journal
- www.ekb.eg

7- Facilities required for teaching and learning

- Data show.
- White board.
- Department laboratory
- Faculty education farm.
- Faculty of agriculture farms
- Central laboratory

Course coordinator: Prof Dr. SHERIEF RAMDAN

Head of department DR. EMAN RAMDAN

Signature Date 1/10/2019