**1-Basic information**

|  |  |
| --- | --- |
| **Course Code:** | **ABM:2118** |
| **Course title :** | **Animal & Poultry Behaviour and Management** |
| **Academic year:** | 2nd academic Year |
| **Program title:** | B.V. Sc. (Veterinary Medical Sciences) |
| **Contact hours/ week** | 4 hours/week, (2 Lect./week, 2 Practical/week) |
| **Approval Date** |  |

**2-Professional information**

**Overall aims of course**:

**This course aims to:**

1- Acquire the basic skills to improve farm animal wealth by understanding their behavior and application of different management techniques.

2- Identify different methods of farm animal management.

3- Practice the animal manipulation and securing.

**3- Intended learning outcomes of course (ILOs)**

**a-Knowledge and understanding:**

**By the end of this course the student should be able to:**

a1- Describe different managerial systems providing animal and poultry welfare.

a2- Write different body parts of animals and poultry.

a3- Mention evolution of behaviour, motivation and its organization.

a4- Give examples for different types of animal behaviour.

a5- List common terms, breeds and marks of equines, cattle and sheep and goats.

a6- Enumerate methods of farm animal marking and identification.

**b-Intellectual skills**

**By the end of this course the student should be able to:**

b1- Choose the best management systems for different animal species.

b2-Differentiate between normal and abnormal behaviours in equines and cattle.

b3- Deal with the common husbandry problems.

**c-Professional and practical skills**

**By the end of this course the student should be able to:**

c1- Perform the personal observation and evaluation of animal behaviour.

c2- Apply the best methods used for animal securing and the most practiced stable management techniques.

**d-General and transferable skills**

**By the end of studying the course, the student should be able to:**

d1- Work in a group.

d2- Manage time.

d3- Work under pressure and or contradictory conditions

**4-Topics and contents**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Topic** | **No. of hours** | **Lectures** | **Practical** |
| 2nd year- 1st termAnimal & Poultry Behaviour and Management **(Lec. 2 h./week, Pract. 2h./week)** | **- General behavior (1-4 )** | 8 | 8 | - |
| * **Management and Behaviour of Equines (5-7)**
 | 6 | 6 | - |
| * **Management and Behaviour of Cattle (8-11)**
 | 8 | 8 | - |
| **-Management and behaviour of sheep and goats (12-13)**  | 4 | 4 | - |
| **-Points of farm animals (1-2)** | 4 | - | 4 |
| **-Manipulation and restraint of animals and casting of animals (3-6)** | 8 | - | 8 |
| **- Stable management of animals and shoeing (7-10)** | 8 | - | 8 |
| **- Practical Management Practices (11-13)** | 6 | - | 6 |
|  | Total  | 52 |  |  |

**5-Teaching and learning methods**

5.1- Lectures, brain storm, discussion… using board, data shows and multimedia aids.

5.2- Self learning by preparing essays and presentations (computer researches and faculty library)

5.3- Practical (in faculty farm).

5.4- Farm visits.

**6-Student assessment**

**6.1. Assessments methods:**

|  |  |
| --- | --- |
| **Method** | Matrix alignment of the measured ILOs/ Assessments methods |
| **K&U** | **I.S** | **P&P.S** | **G.S** |
| Final Exam | a1,a3, a4,a5,a6 | b1,b2 | c1 |  |
| Practical Exam | a2 | b3 | c1,c2 | d1, d2,d3 |
| Oral Exam | a1,a3, a4,a5,a6 | b1,b2,b3 | c1,c2 | d3 |
| Student activities |  |  | c1,c2 | d1, d2,d3 |

**6.2. Assessment schedules/semester:**

|  |  |
| --- | --- |
| **Method** | **Week(s)** |
| Practical exams | 15th  |
| Final exams | Managed by administrator  |
| Oral Exam | Managed by department |
| Student activities | Throughout the semester  |

**6.3. Weight of assessments:**

|  |  |
| --- | --- |
| Assessment | Weight of assessment |
| Practical exams | 20 |
| Final exams | 50 |
| Oral exams | 20 |
| Student activities | 10 |
|  | 100% |

**7- List of references**

**7.1. Notes and books**

Departmental notes (filing number: 3546/2003) on:

- Textbook of Animal Behaviour and Management (part1)

-Practical Note of Animal & Poultry Behaviour and Management (part1)

**7.2. Essential books:**

- **Fraser, A.F.( ):** Farm Animal Behaviour

- **Fraser, A.F. and Broom, D.M.** ( ): Farm Animal Behaviour and Welfare

- **Payne, W.J. ( ):** An Introduction to Animal Husbandry in the Tropics

- **Brown, J.H., Sarah Pilliner and Davies, Z. ( ):** Horse and Stable Management ()

- **Webster, J ( ):** Understanding dairy cow

- **Katherine A. Houpt ( )**: Domestic Animal Behaviour for Veterinarians and Animal Scientists

 - **Phillips, C. ( ):** Cattle Behaviour and Welfare

- **Drickamer, L.C., Vessey, S.H. and Meikle, D. ( ):** Animal Behaviour

- **Sherman, P.W. and Alcock, J. ( ):** Exploring Animal Behaviour

- **Ploger, B.J. and Yasukawa, K. ( ):** Exploring Animal Behaviour in Laboratory and Field

These books are available at the library of faculty of veterinary medicine- Beni Suef

**7.3. Journals, Websites ……..etc**

**Journals:**

* Behaviour

- Animal Behaviour

-Applied Animal Behaviour Science

- Journal of Behaviour and Hormones

- Animal Breeding Abstracts

* Journal of Animal Science
* Journal of Dairy Science
* Journal of Dairy Researches
* journal of Animal Production
* Canadian Journal of Animal Science
* Animal Reproduction Science
* Theriogenology
* Livestock Production Science

**Websites:**

* American Association of Dairy Science

-American Association of Animal Science

**Course Coordinators Head of Department**

**Dr. Naglaa Mohamed Abdel-Azeem Prof.Dr. Hosny Hafez Emeash**

|  |  |  |
| --- | --- | --- |
| **Topic** | **Week** | **Intended learning outcomes of course (ILOs)** |
| **K&U (a)** | **I.S (b)** | **P.P.S (c)** | **G.T.S (d)** |
| **General Behaviour** | 1-4 | 3,4 | 2 | 1 | 1,2 |
| **Management &Behaviour of Equines** | 5-7 | 1,4,5,6 | 1,2 |  | 1,2 |
| **Management &Behaviour of Cattle**  | 8-11 | 1,4,5,6 | 1,2 |  | 1,2 |
| **Management &Behaviour of camels** | 12-13 | 1,4,5 | 1 |  | 1,2 |
| **Points of farm animals** | 1-2 | 2 |  |  | 1,2,3 |
| **Manipulation and restraint of animals** | 3-5 |  |  | 2 | 1,2,3 |
| **Casting of animals** | 6 |  |  | 2 | 1,2,3 |
| **Stable management of animals** | 7-8 |  |  | 2 | 1,2,3 |
| **Practical management practices** | 9-10 |  | 3 | 2 | 1,2,3 |
| **Shoeing** | 11-13 |  | 3 | 2 | 1,2 |