



**Animal and Poultry Behaviour and Management  
Course Specifications 2014/2015**

**1-Basic information**

<b>Course Code:</b>	215 & 225
<b>Course title :</b>	Animal and Poultry Behaviour and Management
<b>Academic year:</b>	2 <sup>nd</sup> year (1 <sup>st</sup> and 2 <sup>nd</sup> semesters)
<b>Program title:</b>	Bachelor of Veterinary Medical Sciences
<b>Contact hours/week/semester:</b>	<b>Lecture:</b> 2 hours/ week <b>Practical:</b> 2 hours/ week

**2-Professional information**

**1- Overall aims of course**

At the end of this course, students should gain the basic concepts, principles and the essential practical skills in the field of ruminants, equines, canine, poultry and laboratory animals behaviour and management

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

**a-Knowledge and understanding**

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

- a.1. Recognize the basic terms in the fields of animals and poultry behaviour and management.
- a. 2. Identify the origin and cause of the behaviour and its development under domestication.
- a. 3 Explain the normal behaviours of different animals and birds.
- a.4. Define the different management methods for animals and poultry to realize high production rates.
- a.5. Explain the actual causes of abnormal animal behaviours.
- a.6. Describe, how to identify the different species and breeds of animals and birds.

**b-Intellectual skills**

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

- b.1. Differentiate between the normal and abnormal behavioural patterns in different animals and birds
- b.2. Interpret reasons of vices.
- b.3. Select the best method for description and identification of different species and breeds of animals.
- b.4. Examine the signs of health and diseases.
- b.5. Modify the management ways for prevention and control of vices.

**c-Professional and practical skills**

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

- c.1. Investigate the different body parts and regions of animal and poultry.
- c.2. Determine the age of different animals.
- c.3. Explore the methods for animal and poultry soundness.
- c.4. Determine the best methods for drug administrations.
- c.5. Apply the different methods to identify the animals.
- c.6. Demonstrate the handling and restraint methods of different animal.
- c.7. Apply the basis of animal shoeing and its faults, clinical importance and treatments.
- c.8. Operate the best methods to measure the different types of behaviours.
- c.9. Illustrate the different methods for stable management.

**d-General and transferable skill**

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

- d.1. Improve the internet skills for improving the self-study
- d.2. Manage time efficiently

**3-Topics and contents**

**First semester**

Topic	No. of hours		
	Lectures	Practical	Total
General behaviour and management	6	-	6
Behaviour of horse	4	-	4
Management of horse	6	-	6
Behaviour of cattle	4	-	4

Management of cattle	6	-	6
Behaviour and management of buffaloes	2	-	2
Abnormal behaviour of horse and cattle	2	-	2
Points of animals	-	4	4
Measurement of behaviour	-	2	2
Manipulation and restraint of animals	-	10	10
Casting of animals	-	6	6
Stable management:- -Washing & dipping of animals -Clipping & shearing of animals -Bedding of animals -Destroying of animals -Clothing of animals	-	8	8
<b>Total</b>	<b>30</b>	<b>30</b>	<b>60</b>

### **Second semester**

Topic	No. of hours		
	Lectures	Practical	Total
Camel behaviour and management	2	-	2
Sheep behaviour and management	6	-	6
Goat behaviour and management	2	-	2
Dog behaviour and management	2	-	2
Cat behaviour and management	2	-	2
Poultry behaviour and management	10	-	10
Abnormal behaviour of poultry	2	-	2
Laboratory animals management	2	-	2
Animal welfare	2	-	2
Aging of animals	-	10	10
Signs of health and diseases	-	6	6
Mouth gags	-	1	1
Administration of medicine	-	5	5
Examination for soundness	-	2	2
Shoeing	-	6	6
<b>Total</b>	<b>30</b>	<b>30</b>	<b>60</b>

### **4- Teaching and learning methods**

4.1. Lectures.

4.2 Practical sessions.

4.3 Self-learning activities.

## 6-Student assessment

### 6.1. Assessments methods

Method	Matrix alignment of the measured ILOs/ Assessments methods			
	K&U (a)	I.S (b)	P&P.S (c)	G.S (d)
Student activities and periodical exam	a1, a2, 3, 4	b 1, b3	--	d1, 2
	a1, 2 , 5, 6	1, 4, 5		
Practical exam	--	--	c1, c2, c3, c4, c5, c6, c7, c8, c9	--
Written exam	a3, a4, a5, a6	b1, b2, b5	--	--
Oral exam	a1, a2, a3, a5	b1, b4	--	--

### 6.2-Assessment schedules/semester

Assessments methods	Time of Assessments
Student activities	Along the semester
Periodical exam exams	8 <sup>th</sup> Week
Practical exam	16 <sup>th</sup> Week
Written exam	16 <sup>th</sup> Week
Oral exam	16 <sup>th</sup> Week

### 6.3-Weight of assessments

Assessment	Allocated Mark		
	1 <sup>st</sup> term	2 <sup>nd</sup> term	Total
Student activities and periodical exams	5	5	10
Practical exam	10	10	20
Written exam	25	25	50
Oral exam	10	10	20
<b>Total</b>	<b>50</b>	<b>50</b>	<b>100</b>

## 7- List of references

### 7.1. Departmental Notes

- Notes on Animal and Poultry Behaviour and Management, part I & II (2010), by Dr. Hamada D.H. Mahboub & Dr. Sameh G.A. Ramadan.

### 7.2. Essential books

- **Fraser A.F. and Broom D.M.** (1990) Farm Animal Behavior and Welfare. 3<sup>rd</sup> Ed., English Language Book Society, UK.

- **Battaglia R.A.**(2001) Handbook of Livestock Management. 3<sup>rd</sup> Ed., Prentice-Hall, Inc., New Jersey.
- **Appleby M.C., Mench J.A. and Hughes B. O.** (2004) Poultry Behaviour and Welfare. CABI publishing, UK.
- **Kilgur R. and Dalton D.C.** (1984) Livestock Behaviour “a practical guide”. Granada Publishing, Uk.
- **Hafez E.S.E.** (1975) The Behaviour of Domestic Animals. 3<sup>rd</sup> Ed., Bailliere Tindall. London.
- **Martin P., Bateson P.** (1993) Measuring Behaviour “An introductory guide”. 2<sup>nd</sup> Ed., Cambridge University Press. UK.
- **Craig J.** (1981) Domestic Animal Behavior: Causes and Implications for Animal Care and Management. Prentice-Hall, Inc., New Jersey.

#### **7.4. Journals , Websites .....etc**

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- Animal Behaviour Journal
- Journal of Applied Animal behaviour
- British poultry Science Journal
- Animal Science Journal
- All web sites related to animal behaviour and animal welfare such as:
- [www.animalbehaviour.net](http://www.animalbehaviour.net)
- [www.animalwelfare.net](http://www.animalwelfare.net)

**Course coordinator: Prof. Dr. Hamada D. Mahboub**

**Head of department: Prof. Dr. Mohamed Atef Helal**

**Matrix alignment of the course topics and ILOs**

**FIRST SEMESTER**

Topic	No. of hours /week		Total hours / Semester	Hours for lect.	Hours for pract.	ILOs				T&L methods				
	Lecture	Practica				K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)	Lecture	Practica	Self& active leanin g	Audio-visual	Case study
General behaviour and management	2	2	6	6	-	1,2	1	--	1,2	√	--	√	√	
Behaviour of horse			4	4	-	3	1	--	1,2	√	--	√	√	
Management of horse			6	6	-	4	3	--	1,2	√	--	√	√	
Behaviour of cattle			4	4	-	3	1	--	1,2	√	--	√	√	
Management of cattle			6	6	-	4	3	--	1,2	√	--	√	√	
Behaviour and management of buffaloes			2	2	-	3,4	3	--	1,2	√	--	√	√	
Abnormal behaviour of horse and cattle			2	2	-	5	1,2,5	--	1,2	√	--	√	√	
Points of animals			4	-	4	--	--	1	--	√	√	√	√	
Measurement of behaviour			2	-	2	--	--	8	--	√	√	√	√	
Manipulation and restraint of animals			10	-	10	--	--	5	--	√	√	√	√	
Casting of animals			6	-	6	--	--	5	--	√	√	√	√	
Stable management:			8	-	8	--	--	9	--	√	√	√	√	

## SECOND SEMESTER

Topic	No. of hours /week		Total hours / semester	Hours for lect.	Hours for pract.	ILOs				T&L methods				
	Lecture	Practica				K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)	Lecture	Practica	Self& active leaning	Audio-visual	Case study
Camel behaviour and management	2	2	2	2	-	1,3,4	1,5	--	1,2	√	--	√	√	
Sheep behaviour and management			6	6	-	1,4	4,5	--	1,2	√	--	√	√	
Goat behaviour and management			2	2	-	1,6	5	--	1,2	√	--	√	√	
Dog behaviour and management			2	2	-	2,5	2,4	--	1,2	√	--	√	√	
Cat behaviour and management			2	2	-	2,5	2,4	--	1,2	√	--	√	√	
Poultry behaviour and management			10	10	-	1,4,6	1	--	1,2	√	--	√	√	
Abnormal behaviour of poultry			2	2	-	5	2	--	1,2	√	--	√	√	
Laboratory animals management			2	2	-	1,4	3	--	1,2	√	--	√	√	
Animal welfare			2	2	-	2,3	1,2,5	--	1,2	√	--	√	√	
Aging of animals			10	-	10	--	--	2	--	√	√	√	√	
Signs of health and diseases	6	-	6	--	--	3	--	√	√	√	√			

Mouth gags			1	-	1	--	--	6	--	√	√	√	√	
Administration of medicine			5	-	5	--	--	4	--	√	√	√	√	
Examination for soundness			2	-	2	--	--	3,6	--	√	√	√	√	
Shoeing			6	-	6	--	--	7	--	√	√	√	√	