



Animal Behaviour and Management

Diploma course specification

A. BASIC INFORMATION

University:	Sadat City
Faculty:	Veterinary Medicine
Program on which the course is given:	Diploma of Animal Husbandry
Department offering the Course:	Husbandry & Animal Wealth Development
Course code:	907
Course title:	Animal Behavior and Management
Lecture (hr/week):	1
Practical (hr/week):	1
Course coordinator:	Dr. Sameh Gad

B. PROFESSIONAL INFORMATION

1) Overall aims of course

At the end of the course, the students should gain the basic concepts, principles and the essential practical skills in the principles of animal's behaviour and their proper management including farm animals, pet animals, poultry and laboratory animals. This course enables the undergraduate students to know the basic knowledge about manipulation, handling and securing of animals.

2) Intended learning outcomes of course (ILOs)

a) KNOWLEDGE AND UNDERSTANDING

By the end of this course, the graduate should be able to:

- a.1.** Recognize the basics of behavioural patterns in different animals and poultry.
- a.2.** Describe the proper management methods for animals and poultry to realize high production rates.
- a.3.** Identify different species and breeds of animals.

b) INTELLECTUAL SKILLS

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

- b.1.** Differentiate between normal and abnormal behaviour in animal species.
- b.2.** Interpret fundamental causes of behavioural disorders.
- b.3.** Detect the best management ways for prevention and control of vices.
- b.4.** Assess signs of a healthy and unhealthy animals..

c) PROFESSIONAL AND PRACTICAL SKILLS

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

- c.1.** Apply the best methods for manipulation and restraint of different species of animal and poultry.
- c.2.** Measure different types of behaviour.
- c.3.** Determine the age of different animals.
- c.4.** Examine the animals for soundness.
- c.5.** Apply different methods for grooming, washing, destroying of animals.

d) GENERAL AND TRANSFERABLE SKILL

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

- d.1.** Join with team efficiently.
- d.2.** Enhance the use of library services and IT tools.
- d.3.** Create effective presentation.

3) Topics and contents

Topic	No. of Hours	Lecture	Tutorial/ Practical
General behaviour and management	5	5	-
Behaviour & management of horse	7	7	-
Behaviour & management of cattle	7	7	-
Management of buffaloes	1	1	-
Abnormal behaviour of horse	2	2	-
Abnormal behaviour of cattle			-
Points of animals	3	-	3
Measurement of behaviour	1	-	1
Manipulation and restraint of animals	8	-	8
Casting of animals	8	-	8
Stable management	6	-	6
Camel behaviour and management	2	2	-
Sheep behaviour and management	6	6	-
Goat behaviour and management			-
Dog behaviour and management	7	7	-
Cat behaviour and management			-
Poultry behaviour and management	3	3	-
Abnormal behaviour of poultry			-
Laboratory animals management	2	2	-
Animal welfare	2	2	-
Aging of animals	5	-	5
Signs of health and diseases	4	-	4
Administration of medicine	5	-	5
Examination for soundness	2	-	2
Shoeing	2	-	2
	88	44	44

4) Teaching and learning methods

- 4.1. Lectures.
- 4.2. Practical.
- 4.3. Self-learning activities.

5) Student assessment

a. ASSESSMENT METHODS:

1- Written examination	For assessment of knowledge, back calling and Intellectual skills
2- Practical examination	For assessment of practical and professional skill.
3- Oral examination	For assessment of knowledge and Intellectual skills
4- Student activities	For assessment of knowledge and general and transferable skills

b. MATRIX ALIGNMENT OF THE MEASURED ILOS/ ASSESSMENTS METHODS:

	K.U (a)	I.S (b)	P.P.S (c)	G.S (d)
Written exam	1-3	1-4	-	-
Practical exam	-	-	1-5	-
Oral exam	1-3	1-4	-	-
Student activities (assay, seminar, etc.)	1-3	1-4	-	1-3

c. WEIGHT OF ASSESSMENTS:

Assessment	Allocated Mark	Evidence
Final written exam	50%	Marked and signed written paper
Practical exam	20%	Marked and signed practical exam paper
Oral exam	20%	Signed list of oral exam marks
Student assignments	10%	Representative samples of presented materials

7) List of references

6.1. Department notes

Department theoretical books and practical manual.

6.2. Essential books

-] **Alcock J.** (2005) Animal Behavior. Sinauer Associates, Inc. USA.
-] **Appleby M.C., Mench J.A. and Hughes B. O.** (2004) Poultry Behaviour and Welfare. CABI publishing, UK.
-] **Battaglia R.A.**(2001) Handbook of Livestock Management. 3rd Ed., Prentice-Hall, Inc., New Jersey.
-] **Evans J.W.** (1989) Horses “A guide to selection, care, and enjoyment”. 2nd Ed., W.H. Freeman and Company, USA
-] **Fraser A.F. and Broom D.M.** (1990) Farm Animal Behavior and Welfare. 3rd Ed., English Language Book Society, UK.
-] **Haupt K.A.** (1982) Domestic Animal Behavior for Veterinarians and Animal Scientists. 3rd Ed., Iowa State University Press, Ames.
-] **Hurnik J.F., Webster A.B. and Siegel P.B.** (1995) Dictionary of Animal Farm Behavior. 2nd Ed., Iowa State University Press, Ames.
-] **Mannaing A. and M. Stemp D.** (1992) An introduction to Animal Behaviour. Cambridge University Press. UK.
-] **Moberg G.P.** (2000) The Biology of Animal Stress. CABI publishing, UK
-] **Moody E.G.** (1991) Raising Small Animals, Farming Press Books, Uk.
-] **Overall K.L.** (1997) Clinical Behavior Medicine for Small Animal. Mosby-Year Book, Inc. UAS.
-] **Phillips C.** (2002) Cattle Behavior and Welfare. 2nd Ed.,Blakwell Publishing.
-] **Sansbury D.** (2000) Poultry Health and Management. Blackwell Science, Uk.

6.3. Journals & Websites

-) 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
 -) www.animalwelfare.net

All search web sites such as:

-) www.alltheweb.com
-) www.altavista.com
-) www.google.com
-) www.yahoo.com

	Course coordinators	Head of department
Name	Dr. Sameh Gad	Prof. Dr. Hamada D. H. Mahboub
Signature		

Matrix alignment of course topics and ILOs

Topic	No. of hours /week		Total hours /semester	Hours for lect.	Hours for pract.	ILOs				T&L.methods					
	Lect.	Pract.				K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)	Lect.	Pract.	Self& active leaning	Audi ovisu al	Cas e stud y	
General behaviour and management	2	2	5	5	-	1,2,3	1,2,3	-	1,2,3						
Behaviour & management of horse			7	7	-	1,2,3	1,2,3	-	1,2,3						
Behaviour & management of cattle			7	7	-	1,2,3	1,2,3	-	1,2,3						
Management of buffaloes			1	1	-	1,2,3	1,2,3	-	1,2,3						
Abnormal behaviour of horse			2	2	-	1,2,3	1,2,3	-	1,2,3						
Abnormal behaviour of cattle															
Points of animals					-	-	-	1	-						
Measurement of behaviour					3	-	3	-	-	2	-				
Manipulation and restraint of animals					1		1	-	-	1	-				
Casting of animals					8	-	8	-	-	1	-				
Stable management					8	-	8	-	-	5	-				
Camel behaviour and management					6	-	6	1,2,3	1-4	-	1,2,3				
Sheep behaviour and management					2	2	-	1,2,3	1-4	-	1,2,3				
Goat behaviour and management					6	6	-	1,2,3	1-4	-	1,2,3				
Dog behaviour and management							-	1,2,3	1-4	-	1,2,3				
Cat behaviour and management					7	7	-	1,2,3	1-4	-	1,2,3				
Poultry behaviour and management							-	1,2,3	1-4	-	1,2,3				
Abnormal behaviour of poultry					3	3	-	1,2,3	1-4	-	1,2,3				
Laboratory animals management							-	1,2,3	1-4	-	1,2,3				
Animal welfare					2	2	-	1,2,3	1-4	-	1,2,3				
Aging of animals			2	2		-	-	3	-						

Signs of health and diseases			5	-	5	-	-	4	-					
Administration of medicine			4	-	4	-	-	1,5	-					
Examination for soundness			5		5	-	4	4	-					
Shoeing			2	-	2	-	-	1,5	-					
			88	44	44									