



## Course specification

### 1-Basic information

<b>Course Code:</b>	<b>ABM:2223</b>
<b>Course title :</b>	<b>Animal &amp; Poultry Behaviour and Management</b>
<b>Academic year:</b>	2 <sup>nd</sup> academic Year
<b>Program title:</b>	B.V. Sc. (Veterinary Medical Sciences)
<b>Contact hours/ week</b>	4 hours/week, (2 Lect./week, 2 Practical/week)
<b>Approval Date</b>	

### 2-Professional information

#### Overall aims of course:

#### This course aims to:

- 1-Acquire the basic skills to improve animal, poultry and fish wealth by understanding their behavior and application of different management techniques.
- 2- Distinguish between normal and abnormal behaviour.
- 3- Identify different methods of animal management.
- 4- Practice the animal manipulation, securing and dentition.
- 5- Differentiate between healthy & diseased animals.

#### - 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-Summarize different patterns of animal and poultry behaviour.
- a3- List common terms, breeds and marks of poultry , laboratory and pet animals.
- a4- Enumerate methods of laboratory 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 each animal and poultry species.
- b3- Distinguish the healthy animal from diseased one.
- b4- Interpret the good housing system for laboratory animals.

#### c-Professional and practical skills

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

- c1- Determine the animal age.
- c2-Apply the best methods used for administration of medicine.
- c3- Detect the possible causes and remedies for abnormal behaviour.



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### 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
2 <sup>nd</sup> year- 2 <sup>nd</sup> term Animal & Poultry Behaviour and Management (Lec. 2h./week, Pract. 2h./week)	-Management and Behaviour of Poultry (1-4)	8	8	-
	-Management and Behaviour of Laboratory Animals (5-7)	5	5	-
	-Management and Behaviour of Sheep & Goat (7-9)	5	5	-
	-Management and behaviour of Dogs (10-11)	4	4	-
	-Management and Behaviour of Cats (12-13)	4	4	-
	-Dentition and Ageing of animals (1-3)	6	-	6
	-Signs of health (4-6)	6	-	6
	-Administration of medicine (7-9)	6	-	6
	-Behavioural anomalies and control (10-13)	8	-	8
	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-Teaching and learning methods for the students with disabilities

Office hours, special meetings



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### 7-Student assessment

#### 7.1. Assessments methods:

Method	Matrix alignment of the measured ILOs/ Assessments methods			
	K&U	I.S	P&P.S	G.S
Final Exam	a1,a2, a3,a4	b1,b2,b4	c3	d2
Practical Exam		b3	c1,c2,c3	d1, d2,d3
Oral Exam	a1,a2, a3,a4	b1,b2,b3,b4	c1,c2,c3	d3

#### 7.2. Assessment schedules/semester:

Method	Week(s)
Practical exams	15 <sup>th</sup>
Final exams	Managed by administrator
Oral Exam	Managed by department

#### 7.3. Weight of assessments:

Assessment	Weight of assessment
Practical exams	20
Final exams	50
Oral exams	20
Mid term	10
	100%

### 8- List of references

#### 8.1. Notes and books

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

- Practical Note of Animal & Poultry Behaviour and Management (part1)
- Practical Note of Animal & Poultry Behaviour and Management (part2)

#### 8.2. Essential books:

- Farm Animal Behaviour (Fraser, A.F.)
- Farm Animal Behaviour and Welfare (Fraser, A.F. and Broom, D.M.)
- An Introduction to Animal Husbandry in the Tropics (Payne, W.J.)
- Domestic Animal Behaviour for Veterinarians and Animal Scientists (Katherine A. Houpt)
- Animal Behaviour (Drickamer, L.C., Vessey, S.H. and Meikle, D.)
- Exploring Animal Behaviour (Sherman, P.W. and Alcock, J.)
- Exploring Animal Behaviour in Laboratory and Field (Ploger, B.J. and Yasukawa, K.)

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

#### - 8.3. Recommended texts

- Farm animal behaviour.characteristics for assesment of health and welfare (Ekesbo)



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- Hand book of laboratory animal science, volume 1,3rd edition:essential principles and practices (JannHau and Steven Schapiro)
- Animal intelligence from individual to social cognition.(ZhannaReznikova)
- Scientific assesment and management of animal pain,technical series vol.10,2008.( D.Mellor,P.Thomber,D.Bayvel&S.Kahn.)
- Vibrational communication in animals.( Peggy S.M. Hill)
- Field and laboratory exercise in animal behaviour.( Chadwick Tillberg)
- Obseving animal behaviour.( Marian Stamp Dawkins)

### **8.4. Journals, Websites .....etc**

#### **Journals:**

- Behaviour
- Animal Behaviour
- Applied Animal Behaviour Science
- Journal of Behaviour and Hormones
- Animal Breeding Abstracts
- Poultry Science
- Journal of Animal Science
- journal of Animal Production
- Canadian Journal of Animal Science
- British Journal of Poultry Science
- Animal Reproduction Science
- Theriogenology -
- Livestock Production Science

#### **Websites:**

- American Association of Dairy Science
- American Association of Animal Science

**Course Coordinators**

**Dr. Naglaa Mohamed Abdel-Azeem**

**Head of Department**

**Prof.Dr. Hosny Hafez Emeash**



Beni-Suef University  
Faculty of Veterinary Medicine

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Topic	Week	Intended learning outcomes of course (ILOs)			
		K&U (a)	I.S (b)	P.P.S (c)	G.T.S (d)
Management &Behaviour of poultry	1-4	1,2,3	1,2	3	1,2
Management &Behaviour of laboratory animals	5-7	1,3,4	1,4	3	1,2
Management and behaviour of sheep & goat	7-9	1,2,3	1,2		1,2
Management &Behaviour of dogs	10-11	1,2,3	1,2	3	1,2
Management &Behaviour of cats	12-13	1,2,3	1,2	3	1,2
Dentition and Ageing of animals	1-3			1	1,2,3
Signs of health	4-6		3		1,2,3
Administration of medicine	7-9			2	1,2,3
Behavioural anomalies and control	10-13		2	3	1,2

