Programme Specification of Diploma of Veterinary medical Sciences (Zoo animals)  
(2011-2012)

Suez Canal University  
Faculty of Veterinary Medicine  
Department: Wildlife and zoo medicine

A- Basic information

1- Programme Title: Diploma of Vet. Med. Sciences (zoo animals)
2- Award /degree: Diploma degree

Date of most recent approval of programme specification by the faculty Council: / /2011.

B- Professional Information

1- Programme aims

The master programme support the postgraduate student ability to:
Search for the advanced scientific base of the wildlife management and habitat improvement, identify the different wild animals and their degree in CITES discuss the most recent research dealing with the zoo animals.

2- Intended learning Outcomes (ILOs)

a - Knowledge and Understanding

By the end of the Master program, the postgraduate must be able to:

a1- Describe advanced research techniques used in the field of wildlife management and zoo medicine
a2- recognize the behavior and management of the different animals, birds and reptiles and its common diseases .
a3- Critically apply their knowledge on handling and securing wild animals to apply the most common intervention in zoo.
a4- apply their knowledge and understanding of protecting areas planning to outline the managemental policy
a5- identify the zoonotic diseases in wild animals and birds.

b - Intellectual skills

By the end of the Diploma program, the postgraduate must be able to:

b1- critically evaluate their own research data and apply a new approach to develope their research questions
b2- develop creative approaches to solve technical problems or issues associate with running and researches project.
b3- identify , summarize and evaluate prior researches finding in a specific area
b4- identify areas where further researches necessary and be aware of any which would be beyond current ethical codes

c - Professional and practical skills
By the end of the Master program, the postgraduate must be able to:
c1- observation, differentiation and interpretations of different behavioral elements of wild animals.
c2 - solving of some wildlife managerial problems.
c3- planning and establishment of protected areas
C4- handling and examination of zoo animals and common surgical process.
c5- diagnosis of zoo animals diseases.
c6- diagnosis the zoonotic diseases

d - General and transferable skills
d1- Demonstrate information retrieval and library skills
d2- Demonstrate interpersonal skills and team working ability by the successful completion of collaborative learn assignment and the honors researches projects
d3- present research finding in oral and written from using arrange of appropriate soft ware ( e.g., power point, word, excel and data base ).

3- Academic standards
* The faculty mission, vision and strategic objective are confirmed to the academic standard. The learning outcomes are inline with the department and the faculty mission.
* Postgraduates NARS (March 2009) Diploma degree chapter issued by national authority for quality assurance and accreditation of education (NAQAAE) and Veterinary medicine post graduate academic standards (ARS) for the faculty of veterinary medicine, Suez Canal University, Ismailia, Egypt are selected to confirm the appropriateness of the academic standards.

4 – Curriculum structure and content.

5.1) Programme duration: 1-2 years

5.2) Programme structure:

<table>
<thead>
<tr>
<th>Title</th>
<th>Lecture</th>
<th>Practical</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>internal medicine</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Zoonosis and animal hygiene</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Management of Zoo animal</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Zoo animals diseases</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Surgery and obstetrics</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>9</td>
<td>7</td>
<td>16</td>
</tr>
</tbody>
</table>

Three to five courses must be added according to title of thesis and ILOs represented by 10-12 hours weekly.

5- Programme – course ILOS Matrix
6- **Programme admission requirement:**
1- Obtaining a bachelor degree in veterinary medicine sciences from one of the Egyptian universities or equivalent degree from another recognized scientific institute with any grade.
2- The bachelor degree must be obtained at least one year prior to registration.
3- The applicant must have regular attendance in his courses according to the schedule of the faculty.
4- Registration will be during September of each year.

7 - **Regulations for progression and programme completion.**
1- Registration period is one year for diploma and the applicant not exceed a period of registration for two year.
2- The examinations of the diploma are 2 times / year in December & April.
3- The faculty council has the right to deprive the applicant from the exam if his attendance courses are less than 75%.
4- in case of failure, the exams will be hold 2 times / year and reexamination in all courses each time.

**System of examination for postgraduate studies as follow:**
- Time of written exams, 3 hours for each curriculum have 3 hours or more for theoretical / practical hours/ week. If the curriculum less than 3 hours / week, the time of ex. is 2 hours only.
- The final degree of each curriculum which have 3 hours (theoretical & practical) per week is 100 & less than 3 hours 50 degree & divided into 50 % for written ex. and 50 % for practice and oral ex.

**Grades of graduation are as follow:**
The programme specification should have attached to it all course specifications listed in the matrix.

We certify that all of the information required to deliver this course is contained in the above specification and will be implemented.

Course coordinator:
Name.................................................................
Signature.................................................... Date

Head of Department of wildlife and zoo medicine
Name: Mohamed Abd El-Halim Mostafa
Signature.................................................... Date,