University: South Valley  
Faculty: veterinary medicine

Course Specifications
Programme(s) on which the course is given: Bachelor degree of Veterinary Science
Major or Minor element of programmes: Major
Department offering the programme: Anatomy
Department offering the course: Anatomy
Academic year / Level: 1st year (second semester)
Date of specification approval:

A- Basic Information
   Title: Anatomy & Embryology
   Code: 121
   Credit Hours: Lecture: 2  Tutorial/ Practical: 4  Total: 6

B- Professional Information
1 – Overall Aims of Course
A- Theoretical course:-
   1- Joints of the pelvic limb.
   2- Anatomy of the urinary system.
   3- Anatomy of the genital system.
   4- General embryology.

B- Practical course:-
   1- Dissection of the pelvic limb.
   2- Dissection of the pelvic cavity
   3- Comparative anatomy of urinary and genital organs.

2 – Intended Learning Outcomes of Course (ILOs)
   a- Knowledge and Understanding:
   Graduates of veterinary medical program must acquire the following knowledge and understanding:
al- Know basic knowledge about urogenital system.
a2- Know basic knowledge about the general embryology.
a3- Know basic knowledge about the joints of pelvic limbs.

b- Intellectual Skills
Graduates must have the ability to:
b1 - deal with the anatomical facts of different organs.
b2- connect between these facts and their possible functions and disorders.
b3- learn how to deal with some field problems from the anatomical point of view.

c- Professional and Practical Skills
Graduates must be attain the capacity to:
c1- know the topographical position of the organs.
c2- know the easy and correct dissection of the different organs.
c3- differentiate between the various parts of a given organ.

d- General and Transferable Skills
Graduates must have the ability to:
dl- Report of the anatomical facts using printable sheets.
d2- write a full scientific reports about the anatomical (normal) features of an organ and the abnormal or teratological cases.
d3- work in groups and team.
d4- use computer and internet to extract information and knowledge.

3- Contents

<table>
<thead>
<tr>
<th>Topic</th>
<th>No. of hours</th>
<th>Lecture</th>
<th>Tutorial/Practical</th>
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<tbody>
<tr>
<td>Theoretical topics</td>
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<tr>
<td>Anatomy of urinary system.</td>
<td>4</td>
<td>2</td>
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<tr>
<td>Anatomy of genital system.</td>
<td>10</td>
<td>5</td>
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<tr>
<td>General embryology.</td>
<td>8</td>
<td>4</td>
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<tr>
<td>Practical parts</td>
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<tr>
<td>Joints of pelvic limb.</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Bones of the pelvic limb.</td>
<td>12</td>
<td>3</td>
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<tr>
<td>Muscles of the pelvic limb</td>
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<tr>
<td>Arteries &amp; nerves of the pelvic limb</td>
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<td>2</td>
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<tr>
<td>Pelvic cavity &amp; Comparative of urogenital organs.</td>
<td>8</td>
<td>2</td>
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<tr>
<td>Anatomy of the hoof</td>
<td>4</td>
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4– Teaching and Learning Methods

4.1- Lecturing.

4.2- Practical sessions to gain practical skills.

4.3- Discussion sessions.

5- Student Assessment Methods

5.1 Written exam (assay) to measure a.1, a.2, a.3, a.4….
5.2 Practical exam...to measure c.1, c.2, c.3.....
5.3 Oral exam...... to measure a.1 , a.2, a.3, a.4. b.1, b.2. c.1, c.3…
5.4 Multiple choice exam...to measure...b.1, b.2, b3.........

Assessment Schedule

Mid term exam (multiple choice and practical). ...week...9....

...Final exam .................held at the end of the semester.

… Practical exam..........held at the end of the semester.

… Oral exam.......... held at the end of the semester.

Weighting of Assessments

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Mid-Term Examination</td>
<td>20%</td>
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<tr>
<td>Final-term Examination</td>
<td>50%</td>
</tr>
<tr>
<td>Oral Examination</td>
<td>10%</td>
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</tbody>
</table>
Practical Examination 20%
Semester Work %
Other types of assessment %
Total 100%

Any formative only assessments

6- List of References

6.1- Course Notes

Department course notes

6.2- Essential Books (Text Books)

6.3- Recommended Books
Dyce, Sack and Wensing (Text book of Veterinary Anatomy) 2002. 3rd Ed.

6.4- Periodicals, Web Sites, … etc
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...........................................

7- Facilities Required for Teaching and Learning
- Appropriate teaching accommodation like teaching and dissection rooms.
- Teaching aids like overhead projectors, scientific posters and anatomical models.
- Completion of the primitive anatomy museum.
- Suggest also the presences of data show which is essential for presenting the theoretical and practical courses.

Course Coordinator:
(Course Professor): Prof. Dr. Salma Ahmed Mohamed El-Gatrify

Head of Department:
Prof. Dr. Salma Ahmed Mohamed El-Gatrify

Date