

**Code: 1649 Animal Anatomy and Physiology I**

**Degree:** 1<sup>st</sup> cycle – Animal Production Engineering

**Curricular Year:** 2<sup>nd</sup>

**Semester Course:** 1<sup>st</sup>

**Credits:** 6 ECTS

**Compulsory**

**Language:** Portuguese/English

**Responsible:** Graça Pires de Lopes de Melo (FMV)

**Other lecturer(s):** António Duarte (FMV), Fernando Ferreira (FMV), Graça Ferreira Dias (FMV), Maria Luísa Jorge (FMV), Mário Pinho (FMV) and João Martins Afonso (FMV)

**Web Site:** <http://www.isa.utl.pt/home/node/3973>

**1. Contact hours:**

**Lecture/Practicals 70 Others 14 Total 84**

**2. Objectives:**

The curriculum of The Animal Anatomy and Physiology I aims to make available anatomic and physiological knowledge and skills necessary to perform Animal Science, such as Zootechnics Science.

**3. Programme:**

Anatomic Symmetry and Anatomic Laws.  
Osteology, Arthrology and Muscular System.  
Biomechanics of the movements.  
Nervous System.  
Cellular communication.  
Endocrinology.  
Common Integument.  
Ictiotomy.

**4. Bibliography:**

**Main Bibliography**

TRATADO DE ANATOMIA VETERINARIA -DYCE *et al* – GUANABARA KOOGAN - RIO DE JANEIRO; BRASIL  
ANATOMIA E FISIOLOGIA –ROD SEELEY *et al* – LUSODIDACTA – LISBOA; PORTUGAL  
TEXTBOOK OF VETERINARY PHYSIOLOGY. CUNNINGHAM, J. G. W. B. - SAUNDERS COMPANY. PHILADELPHIA- USA

**Other Bibliography**

Support text files

**5. Assessment:**

Approved with 10 (in a scale of 20)

6. Estimated Workload: 

168	Hours
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7. Last Update: 

13/7/2010
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