

28406 - Embryology and Anatomy II

Información del Plan Docente

Academic Year	2016/17
Academic center	105 - Facultad de Veterinaria
Degree	451 - Degree in Veterinary Science
ECTS	7.0
Course	1
Period	Second semester
Subject Type	Basic Education
Module	---

1. Basic info

1.1. Recommendations to take this course

1.2. Activities and key dates for the course

2. Initiation

2.1. Learning outcomes that define the subject

2.2. Introduction

3. Context and competences

3.1. Goals

3.2. Context and meaning of the subject in the degree

3.3. Competences

3.4. Importance of learning outcomes

4. Evaluation

5. Activities and resources

5.1. General methodological presentation

5.2. Learning activities

Learning activities planned (program included)

The program that the student is offered to help achieve the expected results includes the following activities ...

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1: Theoretical teaching 50%: 35 contact hours participatory lecture, distributed in 35 sessions 1 hour

Type of activity	Place	Schedule	Schedule	Profesors	Students
Lectures groups 1-6 (35 contact hours)	Aulario	3 sessions/week (35 sessions)	1 hour/session	M. Climent	80
				J. Gil	
				J. Laborda	
Lectures groups 7-12 (35 contact hours)	Aulario	3 sessions/week (35 sessions)	1 hour/session	M. Climent	80
				J. Gil	
				J. Laborda	

2: Practical teaching 45%: 31.5 contact hours dissecting, distributed in 21 sessions of 1.5 hours

Tutored preparation work practices 5%: 3.5 hours, including the specific instruction of the subject of dissection awarded, performance / exhibition with fellow dissecting table.

Type of activity	Place	Schedule	Schedule	Profesors	Students
Supervised work	Dissection Room	2 sessions/week	2 hour/session	M. Climent	12
				J. Gil	

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Instruction
dissection
(3,5 contact
hours in
rotational
mode)

J. Laborda

M. Climent

Groups 7
Practical 12
(31,5 contact
hours)

Dissection
Room

2
sessions/week

1,5
hour/session

J. Gil

80

J. Laborda

M. Climent

Groups 1
Practical 6
(31,5 contact
hours)

Dissection
Room

2
sessions/week

1,5
hour/session

J. Gil

80

J. Laborda

3: Development of a work by each group of practices, the result will be demonstrated with the delivery of anatomical preparations and a digital support (usually: CD or DVD) containing a document in .doc format (the extension, format and other characteristics will be detailed in the Moodle2 page of the course) and how many static and / or moving images deemed necessary to properly illustrate the work. He also proceed to the defense classroom work, which will be public and will carry out alagún student group, chosen randomly. The maximum exposure is detailed in the rules published by the subject on its website Moodle2.

Work will focus on specific and complementary aspects of osteology and untreated dissection in formal programming practices. Teachers propose topics of the work and supervise the work of the groups, showing them to follow procedures to analyze and study the assigned material and guiding them in the search for information and assessment.

5.3.Program

Embryonic origin, parts, situation, relationships, functional structure, vascularisation, innervation:

- Respiratory System.
- Digestive system.
- Head.
- Urogenital apparatus.
- Central nervous system and sense organs.

5.4.Planning and scheduling

Schedule sessions and presentation of works

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The dates and key milestones of the subject are described in detail, along with the other subjects in the first course in the Bachelor of Veterinary Medicine, on the website of the Faculty of Veterinary Medicine (link: [http://veterinaria.unizar.es / gradoveterinaria /](http://veterinaria.unizar.es/gradoveterinaria/)). This link will be updated at the beginning of each academic year and will be complemented with detailed information on the subject Moodle2 page.

Theory classes: the first school day from February to May last school day. Practical classes: since its inception in February to May last school day.

Final date for submission of group work practice: May (dates page Moodle2 of the subject).

Review of papers presented: May (dates page Moodle2 of the subject).

Practical exam: May (dates page Moodle2 of the subject).

Theoretical exam: June (1st call) and September (2nd call)

5.5. Bibliography and recommended resources

The reference book for the course is: *Protocolos de disección* / Julio Gil ... [et al.] . - 3ª ed. Zaragoza: Servet, 2012, which can be complemented with contents of the following bibliography that can be consulted by the Library website (search biblioteca.unizar.es recommended bibliography) and on the following links:

<http://titulaciones.unizar.es/ asignaturas/28406/ actividades15.html>