



## 1. General information

Course: HUMAN ANATOMY II  
Type: CORE COURSE  
Degree: 332 - UNDERGRADUATE DEGREE PROGRAMME IN MEDICINE  
Center: 9 - FACULTY OF MEDICINE OF CIUDAD REAL  
Year: 1

Main language: Spanish

Use of additional languages:

Web site:

Code: 34309

ECTS credits: 6

Academic year: 2022-23

Group(s): 20

Duration: C2

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: VERÓNICA ASTILLERO LÓPEZ - Group(s): 20

Building/Office	Department	Phone number	Email	Office hours
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Lecturer: ALINO JOSÉ MARTÍNEZ MARCOS - Group(s): 20

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## 2. Pre-Requisites

Those required to access the Medicine Degree.

## 3. Justification in the curriculum, relation to other subjects and to the profession

The subject "Human Anatomy II" belongs to Module I (Morphology, Structure and Function of the Human Body) and Subject 1.2 (Development, Structure and Function of the Healthy Human Body at the Tissue, Organic and Systems Level) of the Medicine Teaching P

The contents of the Course refer to the general embryonic development and the anatomy of the head, including bone, joint, muscular, vascular and nervous elements. Aspects of the embryology of the skull and of the sense organs are included, as well as esthesiology.

It is necessary to pass this course in order to pass the second year course "Integrated Morphology, Structure and Function of the human body"

## 4. Degree competences achieved in this course

## Course competences

Code	Description
1.12	Embryonic development and organogenesis.
1.13	To know the morphology, structure and function of the skin, blood, circulatory, digestive, locomotor, reproductive, excretory and respiratory apparatus and systems; endocrine system, immune system and central and peripheral nervous system.
1.17	Handling basic laboratory material and techniques.
1.19	Recognize with macroscopic and microscopic methods and imaging techniques the morphology and structure of tissues, organs and systems.
CT01	Proficiency in a second foreign language at level B1 of the Common European Framework of Reference for Languages.
CT03	Good oral and written communication skills.
G07	Understand and recognize the normal structure and function of the human body, at the molecular, cellular, tissue, organic and system levels, in the different stages of life and in both sexes.
G11	Understand and recognize the effects of growth, development and aging on the individual and their social environment.
G36	To be able to formulate hypotheses, collect and critically evaluate information for problem solving, following the scientific method.
G37	To acquire the basic training for research activity.

## 5. Objectives or Learning Outcomes

## Course learning outcomes

Description  
Learning to design and organize the work. Acquiring habits of perseverance in the study.  
Acquisition of oral and/or written presentation and communication skills.  
Handle basic laboratory material and techniques. Interpret a normal blood test. Recognize with macroscopic and microscopic methods and imaging techniques the morphology and structure of tissues, organs and systems. Perform functional tests, determine vital parameters and interpret them. Basic physical examination.

## 6. Units / Contents

Unit 1: Module 1: GERM LAYER AND TROPHOBLAST DERIVATIVES.

Unit 2: Module 2: SKULL.

Unit 3: Module 3: GENERALITIES OF THE NERVOUS SYSTEM.

Unit 4: Module 4: ORBIT AND EYE.

Unit 5: Module 5: ORAL, NASAL AND EAR REGION.

## 7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (practical) [ON-SITE]	Practical or hands-on activities		0.6	15	Y	Y	
Class Attendance (theory) [ON-SITE]	Lectures		0.6	15	Y	Y	
Final test [ON-SITE]	Assessment tests		0.12	3	Y	Y	
Progress test [ON-SITE]	Assessment tests		0.08	2	Y	Y	
Project or Topic Presentations [ON-SITE]	Guided or supervised work		0.6	15	Y	Y	
Problem solving and/or case studies [ON-SITE]	Practical or hands-on activities		0.4	10	Y	Y	
Writing of reports or projects [OFF-SITE]	Group Work		0.24	6	Y	N	
Study and Exam Preparation [OFF-SITE]	Self-study		2.56	64	Y	N	
Other off-site activity [OFF-SITE]	Self-study		0.8	20	Y	N	
Total:			6	150			
Total credits of in-class work: 2.4							Total class time hours: 60
Total credits of out of class work: 3.6							Total hours of out of class work: 90

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

## 8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Progress Tests	50.00%	0.00%	
Final test	20.00%	70.00%	
Progress Tests	25.00%	0.00%	
Final test	0.00%	25.00%	
Assessment of active participation	5.00%	5.00%	
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

## Evaluation criteria for the final exam:

## Continuous assessment:

A student enrolled for the first time in a subject has two calls during the academic year:

1. Ordinary presential call: it comprises the continuous evaluation of all theoretical and practical activities reflected in the schedule fulfilling the conditions described in the teaching guide of the subject and the minimum attendance requirements to pass the subject.

2. Extraordinary call: It includes the evaluation of the failed part of the subject in the ordinary call. It will consist of a theoretical exam and/or practical exam, the rest of the scores of the practical part will be those obtained during the course in reports, seminars, presentations, work, participation and attitude or OSCE (Objective Structured Clinical Examination).

In case of failing the subject the first time it is taken, the options for the following academic year will be two of the following three options:

1. Ordinary call: within this call, two modalities can be chosen:

a. Classroom mode: Includes the continuous evaluation of all theoretical and practical activities reflected in the schedule fulfilling the conditions described in the teaching guide of the subject, as if the subject was taken for the first time, and the grades obtained in the previous year will not be taken into account.

b. Non-attendance mode: It includes the evaluation of only the failed part of the subject during the previous course with a theoretical exam and/or practical exam per semester on the same date as the final exam of each semester. The scores for practical exams other than the practical exam will be those kept from the previous course. This modality can only be chosen in the case of having taken the subject in the ordinary presential call exam in the previous academic year.

2. Extraordinary call: It includes the evaluation of the failed part of the subject in the ordinary call either of the current academic year, if the student has opted for the ordinary presential call, or of the previous academic year, in the rest of the cases. It will consist of a theoretical and/or practical exam, the rest of the evaluation of the practical part will be those of the current or previous course. In the case of not having taken the ordinary presential exam in the current or previous academic year, the scores of previous exams will not be taken into account, since they will be kept only for one academic year.

3. Special final call: This includes the evaluation of the failed part of the subject in the previous year. This call can only be requested in the case of key subjects. It will consist of a theoretical and/or practical exam, the rest of the scores of the practical part will be those of the previous course. In the case of not having taken the ordinary presential exam in the current or previous course, the scores of previous exams will not be considered, since they will be kept only for one academic course.

These conditions will only be maintained in the academic year consecutive to the ordinary presential exam of a subject. The scores of the practical or theoretical part passed will only be kept if the minimum attendance requirements to pass the subject described in the electronic guide have been met.

In case that the subject is not passed in the second academic year, the same biannual cycle criteria described for the first and second year of enrollment will be the same in the third and successive odd numbered years of enrollment.

ORDINARY PRESENTIAL CALL:

Theoretical evaluation:

- 70% distributed in:
- 50% module exams
  - 20% final semester exams

To pass the course it will be necessary to obtain half of the 70%, which represents at least 3.5 points in the theoretical part of the 10 total points of the course.

Evaluation of practices, presentations, problems, work, participation, and attitude:

30% valued jointly as follows:

- Practical exam: 25%.
- Participation and attitude: 5%.

To pass the subject it will be necessary to obtain half of the 30%, which represents at least 1.5 points in the practical part of the 10 total points of the course.

EXTRAORDINARY CALL, SPECIAL FINAL CALL, NON-ATTENDANCE MODE:

Theoretical evaluation: exam with 70% value. To pass the subject it will be necessary to obtain half of the 70%, which represents at least 3.5 points in the theoretical part of the 10 total points of the course.

In case of having passed the theoretical part in the previous course, the score obtained in the last exam will be maintained.

Practical evaluation: to pass the subject it will be necessary to obtain half of the 30%, which represents at least 1.5 points in the practical part of the 10 total points of the course.

There will be a practical exam and the results of the rest of the practical exams of the ordinary presential exam, either from the current year or the previous year, will be taken into account.

Non-continuous evaluation:

Evaluation criteria not defined

Specifications for the resit/retake exam:

Those students who have not achieved a minimum score of 50% in each of the parts by the cumulative system in the ordinary call, must be re-evaluated in the extraordinary call for the part not passed.

Specifications for the second resit / retake exam:

The same criteria as for the extraordinary test will be followed.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
<b>Hours</b>	<b>hours</b>
Class Attendance (practical) [PRESENCIAL][Practical or hands-on activities]	15
Class Attendance (theory) [PRESENCIAL][Lectures]	15
Final test [PRESENCIAL][Assessment tests]	3
Progress test [PRESENCIAL][Assessment tests]	2
Project or Topic Presentations [PRESENCIAL][Guided or supervised work]	15
Problem solving and/or case studies [PRESENCIAL][Practical or hands-on activities]	10
Writing of reports or projects [AUTÓNOMA][Group Work]	6
Study and Exam Preparation [AUTÓNOMA][Self-study]	64
Other off-site activity [AUTÓNOMA][Self-study]	20
<b>General comments about the planning:</b> The planning of the specific activities of each subject will be indicated in advance on the Moodle platform and on the website of the Faculty of Medicine in the Teaching Planning section. <a href="http://www.ucim.es/cr/medicina/grado_planificación_docente.html">www.ucim.es/cr/medicina/grado_planificación_docente.html</a> Temporary planning may be modified in the event of unforeseen causes.	
<b>Unit 1 (de 5): Module 1: GERM LAYER AND TROPHOBLAST DERIVATIVES.</b>	
Group 20:	
<b>Initial date:</b> 30-01-2023	<b>End date:</b> 17-02-2023
<b>Unit 2 (de 5): Module 2: SKULL.</b>	
Group 20:	
<b>Initial date:</b> 20-02-2023	<b>End date:</b> 10-03-2023
<b>Unit 3 (de 5): Module 3: GENERALITIES OF THE NERVOUS SYSTEM.</b>	
Group 20:	
<b>Initial date:</b> 13-03-2023	<b>End date:</b> 31-03-2023
<b>Unit 4 (de 5): Module 4: ORBIT AND EYE.</b>	
Group 20:	
<b>Initial date:</b> 11-04-2023	<b>End date:</b> 28-04-2023
<b>Unit 5 (de 5): Module 5: ORAL, NASAL AND EAR REGION.</b>	
Group 20:	
<b>Initial date:</b> 01-05-2023	<b>End date:</b> 19-05-2023
<b>Global activity</b>	
<b>Activities</b>	<b>hours</b>
Class Attendance (practical) [PRESENCIAL][Practical or hands-on activities]	15
Class Attendance (theory) [PRESENCIAL][Lectures]	15
Final test [PRESENCIAL][Assessment tests]	3
Progress test [PRESENCIAL][Assessment tests]	2
Project or Topic Presentations [PRESENCIAL][Guided or supervised work]	15
Problem solving and/or case studies [PRESENCIAL][Practical or hands-on activities]	10
Writing of reports or projects [AUTÓNOMA][Group Work]	6
Study and Exam Preparation [AUTÓNOMA][Self-study]	64
Other off-site activity [AUTÓNOMA][Self-study]	20
<b>Total horas: 150</b>	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	City	ISBN	Year	Description
Langman, Jan	Embriología Médica	Wolters Kluwer Lippincott Williams and Wilkins		978-84-16353-48-4	2016	
Fleckenstein, Peter	Bases anatómicas del diagnóstico por imagen	Elsevier Science		84-8174-575-8	2002	
Moore, Keith L.	Anatomía con orientación clínica	Wolters Kluwer Lippincott Williams & Wilkins		978-84-17033-63-7	2017	
Netter, Frank Henry (1906-1991)	Atlas de anatomía humana	Masson		84-458-1416-8	2019	
Rohen, Johannes W.	Atlas de anatomía humana : estudio fotográfico del cuerpo hu	Elsevier		978-84-8086-743-6	2011	
Schünke, Michael	Prometheus : texto y atlas de Anatomía	Médica Panamericana		978-84-9835-224-5 (v	2015	
Sobotta, Johannes	Atlas de anatomía humana	Médica Panamericana		84-7903-533-1	2012	
Detton	Grant Manual de Disección	Wolter Kluwer			2017	
	Atlas de anatomía humana por técnicas de imagen	Elsevier		978-84-9022-982-8	2016	
	Gray repaso de anatomía : preguntas y respuestas	Elsevier		978-0-323-27788-4	2016	
Dauber, Wolfgang	Feneis : Nomenclatura anatómica ilustrada	Masson		978-84-9113-00	2014	