



IDENTIFYING DATA

Human anatomy: Human anatomy

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|---------------------|--|-----------------|------|------------|
| Subject | Human anatomy: Human anatomy | | | |
| Code | P05G171V01101 | | | |
| Study programme | Grado en Fisioterapia | | | |
| Descriptors | ECTS Credits | Choose | Year | Quadmester |
| | 9 | Basic education | 1st | 1st |
| Teaching language | #EnglishFriendly Spanish | | | |
| Department | | | | |
| Coordinator | Padín Iruegas, María Elena | | | |
| Lecturers | Padín Iruegas, María Elena | | | |
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| Web | | | | |
| General description | English Friendly subject: International students may request from the teachers: a) resources and bibliographic references in English, b) tutoring sessions in English, c) exams and assessments in English. | | | |

Skills

| | |
|------|--|
| Code | |
| A1 | Students have demonstrated possession and understanding of knowledge in an area of study that builds on the foundation of general secondary education, and is usually at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study. |
| A2 | Students are able to apply their knowledge to their work or vocation in a professional manner and possess the competences usually demonstrated through the development and defence of arguments and problem solving within their field of study. |
| A5 | Students are able to convey information, ideas, problems and solutions to both specialist and non-specialist audiences. |
| B1 | To know how to work in professional teams as a basic unit in which professionals and other personnel of health care organizations are structured in a uni or multidisciplinary and interdisciplinary way. |
| B2 | Incorporate the ethical and legal principles of the profession into professional practice and integrate social and community aspects into decision making. |
| B3 | Communicate effectively and clearly, both orally and in writing, with users of the health system as well as with other professionals. |
| B4 | Acquire basic scientific training in research. |
| C6 | Identify anatomical structures as a basis of knowledge to establish relationships dynamically with the functional organization. |
| C34 | To know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment. |
| D1 | Ability to communicate orally and in writing in Galician. |
| D4 | Creativity, entrepreneurial spirit and adaptation to new situations. |
| D5 | Developing leadership and organizational skills. |
| D7 | Maintain an attitude of learning and improvement. |

Learning outcomes

| Expected results from this subject | Training and Learning Results | | | |
|--|-------------------------------|----------|-----------|----------------|
| 1-To know the basic concepts for the knowledge of Anatomy (science, morphology, anatomy, kinesiology, relationship between form and function, ...), the division of Anatomy according to different criteria and its applications to degree studies | A1 A2 A5 | B2 B3 | C6 | D1 D4 D7 |
| 2-Locate and identify the bones of the head, including their most relevant morphological features, and which give a greater functional contribution. Know the elements that make up each joint, as well as identify the type of joint and its generic mechanical characteristics. Know the main muscles. | A2 A5 | B3 | C6 C34 | D4 D7 |

| | | | | |
|---|----------|----------------------|-----------|----------------|
| 3- Know and begin to master the basic anatomical terminology that allows the anatomical description. | A2 A5 | B3 | C6 | D4 D7 |
| 4-Know the external morphology and the heart inner configuration. | A2 A5 | B3 | C6 | D7 |
| 5- Master those morphological concepts will serve for the clinical understanding of the respiratory pathology and to understand the fundamentals of ventilatory assistance techniques. | A2 A5 | B3 | C6 C34 | D7 |
| 6- Know the general organization and functionality of the nervous system | A2 A5 | B3 | C6 C34 | D7 |
| 7-Master the macroscopic description. Identify the different parts and components. Set to morpho-functional correlation. Understand correctly the basic approaches and training in the handling of basic instruments and tools. | A2 A5 | B1 B2 B3 B4 | C6 C34 | D4 D5 D7 |

Contents

Topic

| | |
|---------------------|---|
| Theoretical program | Generalities: human citology, histologyl and embriology . Locomotor System: head, neck, trunk and extremities. Heart and blood vessels. System Digestive ,respiratory, genitourinary systems, esthesiology, nervous system cranial peripheral. Nervous system of the autonomous life. Central nervous system. |
| Practical program: | Practices of citology and histology. Study of the different systems. Identification of structures in anatomic models |

Planning

| | Class hours | Hours outside the classroom | Total hours |
|--------------------------|-------------|-----------------------------|-------------|
| Laboratory practical | 27 | 40 | 67 |
| Lecturing | 43 | 86 | 129 |
| Objective questions exam | 2 | 27 | 29 |

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

| | Description |
|----------------------|---|
| Laboratory practical | With these kinds looks for that serve to the student stop a better understanding of the theoretical knowledges. |
| Lecturing | The professor structure and/or explains the contents of the subject. Stop his study the students have of the presentations seen in the kind, in MOOVI and/or photocopies. |

Personalized assistance

| Methodologies | Description |
|----------------------|--|
| Lecturing | Orientation to the student envelope the contents of the subject. Resolution of doubts of personal way in the hours devoted to tutorials. |
| Laboratory practical | Orientation to the student envelope the contents of the practical. Resolution of doubts |

Assessment

| | Description | Qualification | Training and Learning Results |
|----------------------|--|---------------|--|
| Laboratory practical | Active participation of the student to assimilate and comprise the contents of the corresponding practice. Realization and delivery of the sign of the contained of the corresponding practice. The evaluation will be continuous taking into account the participation in the practical, sign them delivered and the personal oral questions along the practical lessons. | 30 | A1 B1 C6 D1 A2 B2 C34 D4 A5 B3 D5 B4 D7 |
| Lecturing | Master session: the theoretical knowledges purchased pole student Will evaluate by means of an examination type test of 5 options. No discount points for incorrect answer. To surpass the theoretical probe, student should obtain 70% of correct answers. Owes to approved the theoretical examination to surpass the subject. | 70 | A1 B1 C6 D1 A2 B2 C34 D4 A5 B3 D5 B4 |

Other comments on the Evaluation

To pass the theoretical probe should be obtained 70% of correct answers.

Assistance to the practices is mandatory. 2 lack of assistance (due to force majeure) that have to be documentary justifiedAt the end of each practice lesson will owe to delivered the records of the contained of the

same.They Will keep the same criteria in successive announcements.Ratings will be published in the virtual secretary

Sources of information

Basic Bibliography

Paulsen F.; Waschke J., Sobotta atlas de anatomía humana, 24, Elsevier, 2018, **Sobotta atlas de anatomía humana**, 24, Elsevier, 2018

Lippert H., **Anatomía con orientación Clínica para estudiantes**, Marbán,, 2013

Netter Fh., **Atlas de Anatomía Humana**, 7, Elsevier,, 2019

Netter Fh., **Cuaderno De Anatomía Para Colorear**, 2, revisada, Elsevier,, 2019

Latarjet M; Ruiz Liard A., **Anatomía Humana**, 5, Panamericana, 2019

ALAN J. DETTON, GRANT., **MANUAL DE DISECCIÓN**, 16, LIPPINCOTT WILLIAMS AND WILKINS. WOLTERS KLUWER H., 2017

Schünke M./Schulte E./Schumacher U., **Colección Prometheus. Texto y Atlas de Anatomía**, 5, Panamericana, 2022

Loukas, Benninger & Tubbs., **Gray. Guía fotográfica de disección del cuerpo humano**, 2, Elsevier, 2019

Drake R, Gray:, **Anatomía para estudiantes**, 4, Elsevier, 2020

Complementary Bibliography

FAWCETT DW., **Tratado De Histología**, 12, Interamericana Mc Graw Hill,, 1995

MOORE KL., **Anatomía con orientación Clínica**, 8, Wolters Kluwer,, 2017

Plataforma 3D Complete Anatomy, Elsevier,,

Atlas de Anatomía Humana 2020 Visible Body, 2022

Recommendations

Other comments

Be registered in MOOVI (is the first time that does , the name of user and the password is the identity card). Have a direction of address-and, so every time that it give a warning, go up documentation, etc., it will communicate by this road to all users of the subject (students and professor).