COURSE DATA

Data Subject	
Code	34696
Name	Human anatomy
Cycle	Grade
ECTS Credits	6.0
Academic year	2018 - 2019

Study (s)

Degree	Center	Acad. year	Period
1206 - Degree in Dentistry	Faculty of Medicine and Odontology	1	First term

Subject-matter

Degree	Subject-matter	Character
1206 - Degree in Dentistry	1 - Human anatomy	Basic Training

Coordination

Name	Department
SMITH FERRES, VICTOR ROMUALDO	17 - Human Anatomy and Embryology

SUMMARY

English version is not available

El estudio de esta asignatura es esencial para que el estudiante asimile de manera integrada el cuerpo humano, muy especialmente de las estructuras cervico-cefálicas, y de las piezas dentarias .

El conocimiento profundo de la asignatura es la herramienta básica para el perfecto desarrollo de la que será su profesión.

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

Other requirements

It´s not necesary another previus knowledges for study this subject

OUTCOMES

1206 - Degree in Dentistry

- Conceptos generales del cuerpo humano, integrado por partes y sistemas funcionales en la salud y en sus periodos vitales.
- Adquisición de formación básica para el desarrollo de la capacidad crítica y autocrítica en el planteamiento y resolución de problemas.
- Adquirir capacidad de trabajo en equipo y desarrollo de habilidades en relaciones personales.

LEARNING OUTCOMES

1.-Knowing the structural organization of the human body.

2.-Knowing the structural organization of the estogmatognatic aparat.

3.-Knowing the application of these knowledges by the odontostomatologist.

DESCRIPTION OF CONTENTS

1. THEORIC PROGRAM

1.-Generals concepts of human body. Periods. Functionals systems.
2.-Study of Embriologic development, specially face and skull development.
3.-Study of locomotor aparat.
4.-Study of neuro-musculars sysems.
5.-Study of cardio.vascular system.
6.-Study of respiratory system.
7.-Study of digestive system.
8.-Study of uro-genital system.
9.-Study of nervius system: spinal cord, brainstem, brain.
10.-Study of development of skull, and face ,early phases.
11.-Study of the septation and formation of mouth and nasal cavities
12.-Study of neuro-skull
13.-Study of the face.
14.-Study of temporomandibular joint.
15.-Study of muscular neck and face.

16.-Study of mouth and nasal cavities.
17.-Dental anatomy: terminology, morphology and nomenclature.
18.-Permanent dentition: incisors and canines.
19.-Permanent dentition: premolars
20.-Permanent dentition: superior molars
21.-Permanent dentition: inferior molars
22.-Temporal dentition.
23.- Occlusion study.
24.-Dental eruption study.
25.-Alveolar apophyse and periodontium. Rooths and rooths canals.
26.-Study of the cervico-facial,orofacial and alveolo-dental innervation .
27.-Study of the cervico-facial, orofacial and alveolo-dental vascularization.
28.-Craniofacial radiologic anatomy.
29.-Alveol-dental radiologic anatomy.
30.-Application of anatomy.

2. PRACTIC PROGRAM

3. THEMATIC SEMINARS

1.-Craneo-facial and stomatognathic apparatus development periods.
2.-Osteo-articular system analysis with radiologics and functionals references.
3.-Diagnostics images interpretation.
4.-Traumatics incidents in buccal cavity.
5.-Anatomics references for anesthetics points location.
6.-Dental pieces design.

WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	33,00	100
Laboratory practices	15,00	100
Classroom practices	12,00	100
Attendance at events and external activities	2,00	0
Development of group work	4,00	0
Study and independent work	55,00	0
Readings supplementary material	20,00	0
Preparation of practical classes and problem	9,00	0
TOTAL	**150,00**	

TEACHING METHODOLOGY

Wemake the development with informatic support for each lecture and pratic demonstration. We used models and pieces anatomics in tutored sessions for each apparatusor system or face and buccal structures.

EVALUATION

1.-Practical test about teachings materials.

2.-Theory test with 30 shorts questions.

Final grade is the result of theory note (80%) and practical note (20 %).theory has two parts regional Anathomy and dental Anathomy, it´s necessary 40% of each parts . The Practical is eliminatory.

Its necessary approved theory and practical tests to get the final grade.

Attendance is compulsory.

If you do not attend to more than 20% of the practices and it is not justified, you will not be able to take the exam.

REFERENCES

Basic

- Escolar (2007) Anatomía Humana Funcional y Aplicativa. Barcelona. EXPAXS,S.A. 5ª Edición.
- Woelfel, J.B. y Scheid, R.C. (1998) Anatomía Dental. Aplicaciones Clínicas. Barcelona. Masson-Williams&Wilkins. 5ª Edición.
- Smith-Agreda, V. (1992) Manual de Embriología y Anatomía General. Valencia. Universitat de València. 1ª Edición.
- Krause, Abrams, Jordan. "Anatomía Dental y Oclusión" Ed. Hardcover (1992)

Additional

- Langman (2007) Embriología Médica con orientación clínica. Madrid. Panamericana. 10ª Edición.
- Netter, F.H. (2007) Atlas de Anatomía Humana. S/L Elsevier/Masson 10ª Edición.
- Sobotta. (1990) Atlas de Anatomía Humana. Madrid. Panamericana. 19ª Edición.
- Prometheus, "Atlas Anatomía Cabeza y Cuello para Odontología" "Cabeza, cuello y Neuroanatomía" 3er tomo. Ed. Panamericana.

- Feneis. "Nomenclatura anatómica ilustrada". 5ta Edición. Ed. Masson.