

Course description

University : <i>University of Prešov</i>	
Faculty/university workplace : <i>Faculty of Health Care</i>	
Code : 6KDH/MORFO/24	Course title : Morphology of Teeth
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week 13 per semester</i> Method of educational activity: <i>Attendance</i>	
Number of Credits : <i>1</i>	
Recommended semester : <i>1st year WT</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Final evaluation: <i>The course is completed with an interim assessment. During the semester, students are required to prepare a seminar paper (20 % of the course grade) and fulfil the conditions of participation according to the Study Regulations of FM PU. The course ends with an examination (80 % of the course grade).</i> <i>The success criteria (percentage of results in the course evaluation) are as follows for the classification levels:</i> <i>A: 100.00 - 90.00 %; B: 89.99 - 80.00 %; C: 79.99 - 70.00 %; D: 69.99 - 60.00 %; E: 59.99 - 50.00 %; FX: 49.99 and less % at least 50 %. A student scoring less than 50% will be graded with a grade of FX.</i> Student Load : <i>Class participation: 13 hours of student preparation - direct course load</i> <i>Seminar work - 5 hours of student preparation - indirect load</i> <i>Independent study and preparation for continuous assessment 12 hours - indirect workload</i>	
Learning outcomes : <i>Upon completion of the course, students will be able to:</i> Knowledge: <ul style="list-style-type: none"> - Define and interpret basic concepts of dental morphology, - Know in detail the anatomy and physiology of individual teeth, - describe the anatomical structure of deciduous and permanent teeth, - characterise the individual tissues of the teeth, Skills: <ul style="list-style-type: none"> - Apply and implement theoretical knowledge and knowledge in practice; - identify and analyse anatomical and functional differences of individual teeth, - Recognise the difference in anatomical structure between deciduous and permanent teeth, - apply knowledge in the schematic representation of the anatomical condition of teeth and individual tooth tissues. Competencies: <ul style="list-style-type: none"> - Think critically and make independent and autonomous decisions; - work and cooperate in a team and build their identity as a dental hygienist; - integrate general knowledge in preventive strategies for the treatment of oral diseases; - diagnose, formulate and implement knowledge to develop relationships with patients and achieve improved oral health. 	
Course content: <i>The origin of teeth, different shapes of teeth and their origin, human teeth. Ridges and grooves of tooth crowns, tooth roots. Permanent teeth, functional division of teeth, characters of teeth, colour of permanent and deciduous teeth, abrasion, incisors in jaw and canine, upper and lower eye teeth, molars, first upper premolar, second upper premolar, first lower premolar, second lower premolar, molars in jaw, molars in canine. Tooth cavity and root canals of molars, tooth anomalies. Milk teeth in the jaw and in the canine. Orofacial system, dentition as a</i>	

whole, spatial landmarks, points of contact. Occlusion of the dentition, overbite of incisors, relationship of humps and grooves. Macromorphology of hard dental tissues. Micromorphology of hard dental tissues. Modelling of teeth. Drawing diagrams of individual teeth.

Literature :

1. Schumacher, G.-H.: *Anatómia pre stomatológov I., II.*, Martin: Osveta 1992
2. Dylevský, I., Trojan, S. : *Stomatológia I., II.* Osveta: Martin, 1992
3. Trojan, S.: *Biológia človeka v obrazoch.* Osveta: Martin, 1991
4. Čihák, R.: *Anatómia 1, 2, 3.* Praha: Avicenum, Grada Publishing, 1987, 1988, 1997
5. Čarnoká T., Biroš, P., Koval', A., *Morfológia chrupu*, Prešov: Grafotlač s.r.o. 2008

Language which is necessary to complete the course: english

Notes :

The student is obliged to attend 80% of the specified lectures and 90% of the specified practicals.
The conditions for the semester thesis are published on the FZO PU website under the instructions for students in the section "Education and specialisations".
For students with specific needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with specific needs. Instructions on how to complete the assignment are posted on the faculty's website: <https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

A	B	C	D	E	FX

Lecturers :

MUDr. Eva Koval'ová, PhD., guarantor, MUDr. Tatiana Klamárová, PhD., co-guarantor, lecturer, examiner

Date of last change:

31.03.2024

Approved by : doc. MUDr. Eva Koval'ová, PhD. – guarantor