

Course Title	Dental Morphology				
Course Code	DES150				
Course Type	Compulsory				
Level	Bachelor of Dentistry				
Year / Semester	1 st year / 2 nd semester				
Teacher's Name	TBA				
ECTS	4	Lectures / week	2hrs / 13 weeks + exam week	Laboratories / week	3hrs / 13 weeks
Course Purpose and Objectives	<p>The Dental morphology course includes a lecture and laboratory component. It will introduce the students to the basic knowledge required to undertake further pre-clinical courses. The theoretical part of the course will provide fundamental knowledge and terminology related to teeth and the periodontal tissues, will introduce the three most common notation systems and will give information on the eruption sequence of deciduous and permanent dentition. The tooth form in relation to function will be discussed as well as the measurements and the geometry of teeth. Detailed macroscopic tooth morphology characteristics and the basic principles of dental occlusion will be provided. Furthermore, detailed comparative anatomy details and unique characteristics of the teeth will be taught and students will learn to identify and differentiate between comparable teeth.</p> <p>In the practical component, the students will acquire the technical knowledge and skills to draw teeth on paper and partially build them up with wax.</p>				
Learning Outcomes	<p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> • Discuss the nomenclature used to describe teeth and the surrounding tissues. • Identify teeth and explain in details the morphological characteristics of all teeth in the permanent dentition including the root system. Deciduous teeth will be also introduced. 				

	<ul style="list-style-type: none"> • Understand the geometry and the measurements of teeth. • Categorize teeth according to the different notation systems. • Demonstrate proficiency in sorting teeth in classes and contrast comparable teeth within the same class. • Report the timing and sequence of eruption of deciduous and permanent teeth. • Discuss the basic principles of dental occlusion. • Demonstrate manual and spatial abilities to draw teeth and to partially build up teeth with wax. 		
Prerequisites	None	Co-requisites	None
Course Content	<p>In that regard, students will familiarize themselves with the following Modules:</p> <ul style="list-style-type: none"> • Fundamentals of dental anatomy, tooth morphology and terminology. • Notation systems. • Comparative Dental anatomy and geometry. • Tooth form and function. • Introduction to occlusion and articulation. • Anatomy and description of all permanent teeth. • Introduction to the anatomy of deciduous teeth. • Drawing teeth. • Partially building teeth with wax. 		
Teaching Methodology	<p>Face-to-face</p> <p>Computer assisted learning</p>		
Bibliography	<p>Woelfel's, Dental anatomy; Rickne C. Scheid and Gabriela Weiss; 8th edition; 2012; Lippincott Williams & Wilking, Philadelphia, PA, USA; ISBN 978-1-60831-746-2</p> <p>Wheeler's Dental Anatomy, Physiology and Occlusion ; Stanley J. Nelson; 10th Edition; 2015; Elsevier Saunders, St Louis, Missouri, USA; ISBN 978-0-323-26323-8</p> <p>Electronic Software Material: Tooth Atlas 9; eHuman; https://ehuman.com; 2018; Fremont, CA, USA.</p>		

Assessment	<table border="1"> <tr> <td data-bbox="432 230 1034 271">Final Examination</td> <td data-bbox="1034 230 1206 271">60%</td> </tr> <tr> <td data-bbox="432 271 1034 311">Lab Report / Oral presentations</td> <td data-bbox="1034 271 1206 311">30%</td> </tr> <tr> <td data-bbox="432 311 1034 351">Participation and attendance</td> <td data-bbox="1034 311 1206 351">10%</td> </tr> <tr> <td data-bbox="432 351 1034 392">Total</td> <td data-bbox="1034 351 1206 392">100%</td> </tr> </table>	Final Examination	60%	Lab Report / Oral presentations	30%	Participation and attendance	10%	Total	100%
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Total	100%								
Language	English								