UCLouvain

wdent1360

2025

Dentomaxillofacial Imaging & radioprotection

3.00 credits	22.5 h	Q2

Teacher(s)	Chantrenne Aurélie ;Dumitriu Dana Ioana ;Olszewski Raphaël (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
Main themes	- physics in the radiology and others imaging technology - interpretative rules in dental and panoramic Xrays - practical rules for dental, panoramic and cephalometric Xrays - basic elements of CT scans and MRI for the future dentist - radioprotection : rules, theory, Belgian laws
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 At the end of this theoretical and clinical teaching, the student must be able : - to understand all physico-chemical steps leading to a radiological image - to do himself all intra- and extraoral Xrays according to the belgian legal criterias - to interpret all dental Xrays - to discuss a radiological diagnosis for all kinds of dental, oral and maxillofacial diseases whose theoretical pictures have been teached otherwise - to take all necessary and obligatory radioprotective measures concerning the professional exercise of dentistry
Content	- radioprotection, dental, panoramic and cephalometrics Xrays - basic elements of medical imaging technology which may be of interest for the future dentist. - practical exercises of doing and analysing dental, panoramic and cephalometrics Xray
Bibliography	Support : Tout le staff permanent du service de stomatologie et de chirurgie maxillo-faciale ; documents PowerPoint pour diapositives.
Other infos	Evaluation: written exam at the end of the year : OSRQ, MCQ for radioprotection. Support: - permanent staff of the department of oral and maxillofacial surgery - slides (ppt.) and notes (Word), iCampus Pré-requis : Basic elements of physics, chemistry and human anatomy
Faculty or entity in charge	MDEN

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Dentistry	DENT1BA	3	WDENT1121 AND WDENT1210	🔍