



The Hashemite University
Faculty of Dentistry



الجامعة الهاشمية
كلية طب الأسنان

Level 7 Jordanian National Qualification Framework Descriptors (JNQF-7)

K1	Methodological understanding of the theories, concepts, principles, and curricula associated with the fields of learning some of which are state-of-the-art
S1	Mastering the skills and tools required to solve complex problems in a specialized field of study
S2	Demonstrating specialized and conceptual skills in the field of study.
S3	The practice of evaluation in planning, designing, technical and/or supervisory functions related to products, services, or processes
C1	Management of activities and projects
C2	Taking responsibility for making decisions in work or study contexts
C3	Taking responsibility for group work and work effectively under peer guidance
C4	Transferring and applying diagnostic and creative skills in a range of contexts



The Doctor of Dental Surgery (DDS) Program Learning Outcomes (PLOs) were Mapped to five core domains competencies (A-B-C-D-E).

DDS program Core Competencies Domains and Corresponding Program Learning Outcomes (PLOs)	Jordanian National Qualification Framework Descriptors (JNQF-7)		
Domain A: Medical and dental knowledge	Knowledge (K1)	Skills (S1,S2,S3)	Competency (C1,C2,C3,C4)
PLO1. Recognize medical and dental knowledge of the basic sciences, including anatomy, physiology, biology, pathology, and dental material and related fields.	K1		
PLO2. Recognize medical and dental knowledge of the clinical sciences, including conservative dentistry endodontics, prosthodontics, pedodontics, oral surgery, orthodontics and related fields.	K1		
PLO3. Explain the human body's structure, function, and pathogenesis related to the oral and maxillofacial region.	K1		
PLO4. Illustrate knowledge of biomaterials, risk management, patient safety, medical and dental complications relevant to dental study.	K1		
Domain B: Patient and community oral health care	Knowledge (K1)	Skills (S1,S2,S3)	Competency (C1,C2,C3,C4)
PLO5. Demonstrate the complex interrelationship between the biomedical, dental, behavioral, and social sciences in provision of comprehensive oral health care.		S1	
PLO6. Perform patient assessment, diagnosis, treatment planning, and referral based on relevant knowledge from various resources.		S1	
PLO7. Apply principles of public health and epidemiology to implement disease prevention and health promotion strategies.		S3	
PLO8. Develop competency in the prevention and management of dental and medical emergencies.			C1
PLO9. Apply safety and infection control measures in the context of dental study and practice		S2	
Domain C: Ethics and Professionalism	Knowledge	Skills	Competency



	(K1)	(S1,S2,S3)	(C1,C2,C3,C4)
PLO10. Demonstrate professionalism , and social responsibilities in all aspects of dental practice with patients, community and dental professions.		S2	
PLO11. Appraise patient-centered care, including shared decision-making and respect for patient autonomy, privacy, and confidentiality .			C3
PLO12. Value commitment to continuous quality improvement, clinical audit, and ethical accountability within professional dental practice.			C4
Domain D: Interpersonal and Communication Skills	Knowledge (K1)	Skills (S1,S2,S3)	Competency (C1,C2,C3,C4)
PLO13. Develop an effective working environment as part of an oral health care team , with an appreciation of other health care professionals to deliver coordinated and integrated oral health services .			C3
PLO14. Appraise technology effectively and ethically to support patient care and clinical decision-making .			C2
PLO15. Build effective communication and collaboration skills with patients, their families, colleagues, and other health care professionals to promote oral and general health at individual and community levels.		S3	
Domain E: Digital Innovation, Practice-Based Learning and Scientific Research	Knowledge (K1)	Skills (S1,S2,S3)	Competency (C1,C2,C3,C4)
PLO16. Perform evidence-based learning strategies to support self-directed life-long learning , dental literature, and innovation in dental sciences.		S2	
PLO17. Develop basic understanding of scientific research methods, design, data analysis and the basic principles of evidence-based research.			C1
PLO18. Value skills of reasoning, critical thinking and problem solving in the context of dental study and practice.			C2
PLO19. Appraise competency in using digital dentistry technologies – Including CAD/CAM, 3D imaging, and AI-assisted diagnostic systems – to enhance clinical accuracy and efficiency.			C4