

SELECTIVE DISCIPLINE  
for 1<sup>st</sup> year students of the Faculty of Dentistry  
2020-2021 academic year

Discipline	INFORMATION TECHNOLOGIES IN DENTISTRY
<b>Department</b>	Biological Physics and Medical Informatics
<b>Teachers</b>	Halushko Kateryna Hutsul Oksana Ivanchuk Maria Klepikovskiy Andrii Makhrova Yevheniia
<b>Brief description of the scope of the subject</b>	<p><b>The purpose of the discipline:</b> learning the basic concepts of information technology, in particular working with databases and web-sites.</p> <p><b>Tasks:</b> Orientation in any software product aimed at automating document management, creating database of a particular dental clinic; acquisition of skills of creating presentations, own website, Internet forms, which will allow the dentist to create his own site with online patient's registration and more conveniently interact with clients</p> <p><b>The results of the discipline:</b></p> <p><b>The student must know:</b></p> <ol style="list-style-type: none"> <li>1. Microsoft Access database management system. <ul style="list-style-type: none"> <li>• Creation and edition tables.</li> <li>• Creation queries</li> <li>• Creation forms</li> <li>• Generation reports</li> <li>• Creation of a database of a dental clinic</li> </ul> </li> <li>2. Managerial and presentation graphics at Microsoft PowerPoint.</li> </ol> <p><b>The student must be able to:</b></p> <ol style="list-style-type: none"> <li>1. Create a website using Google Site</li> <li>2. Create a dentist's business card website</li> <li>3. Create online forms using Google Forms</li> <li>4. Create an online patient record form on appointment to the dentist</li> </ol>
<b>Providing general and professional competencies</b>	GC 1 Ability to abstract thinking, analysis and synthesis. GC 3 Ability to apply knowledge in practice. GC 6 Skills of using information and communication technologies. GC 7 Ability to search, process and analyse information with various sources. PC14 Ability to conduct regulatory medical documentation