

# LECTURES

Plan of lectures for the *international students* of **dental faculty** studying biochemistry  
in English  
2025 – 2026 year

**1<sup>st</sup> course**  
**Spring semester**

<i>Lek. N</i>	<i>Date</i>	<i>Topic</i>	<i>Lecturer</i>
1	18.02	Enzymology	Khotko E.A.
2	11.03	Introduction to metabolism and energy exchange. Central catabolic pathway: Krebs cycle	
3	25.03	Carbohydrate metabolism. Glycogen metabolism. Aerobic and anaerobic glucose oxidation.	
4	08.04	Carbohydrate metabolism. Gluconeogenesis. Pen- tose phosphate pathway and uronic acid pathway of glucose metabolism.	

**2<sup>nd</sup> course**  
**Autumn semester**

<i>Lec. N</i>	<i>Date</i>	<i>Topic</i>	<i>Lecturer</i>
1	03.09	Nucleic acid metabolism	Khotko E.A.
2	01.10	Biochemistry of hormones. Mechanisms of hor- mone action	
3	29.10	Biochemistry of nutrition.	
4	05.11	Biochemistry of the oral fluid and teeth	

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professor



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