

**LECTURES**  
**«PHYSICS, MATHEMATICS»**  
Anglophone Students of the 1 Course  
**Specialty «DENTISTRY»**  
1 term of 2026/2027

| <b>Week No.</b>                                                                                          | <b>Topic</b>                                      |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>SECTION 2.</b><br><b>Mechanical and thermal properties of biological tissues and dental materials</b> |                                                   |
| 2                                                                                                        | Mechanics. Fundamentals of Statics. Biomechanics  |
| 4                                                                                                        | Adhesion: Role in Dentistry                       |
| <b>SECTION 3.</b><br><b>Physical Fundamentals of Diagnostic and Treatment Methods in Dentistry</b>       |                                                   |
| 6                                                                                                        | Acoustic methods in Dentistry                     |
| 8                                                                                                        | Electrical physiotherapeutic methods in Dentistry |
| 10                                                                                                       | Laser radiation. Lasers in Dentistry              |

Зав. каф. физики и математики ИФМХ

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