

**PRECLINICAL PROSTHETIC DENTAL MEDICINE
CURRICULUM OF LECTURES**

**1 year, 1 semester /winter/
15 weeks, 2 hours every second week**

| Week | Lecture subjects |
|-------------|--|
| 1 | I. Teeth. Planes and sides for tooth orientation. Functional groups of teeth and numbering systems. Size of teeth. Tooth identification - markers. Morphology of teeth – general characteristics. |
| 3 | II. Morphology of permanent incisors and canines. |
| 5 | III. Phylogenetic evolution of the masticatory system and the maxillofacial region. Morphology of premolars. |
| 7 | IV. Morphology of molars. |
| 9 | V. Dental wax modeling techniques. Addition wax modeling technique. Anatomical and functional wax modeling of tooth crowns on dental stone models. |
| 11 | VI. Ontogenetic development. Development and eruption of teeth – basic theories. Morphology of deciduous teeth – markers for identification. |
| 13 | VII. Functional anatomy of the masticatory system. Oral cavity. Bones of the masticatory system: maxilla and mandible. Innervation of the masticatory system. |
| 15 | VIII. Functional anatomy of the masticatory system. Temporomandibular joint. Function of the muscles of the masticatory system: masticatory and mimic muscles. Salivary glands. |

**CURRICULUM OF PRACTICAL TRAINING IN
PRECLINICAL PROSTHETIC DENTAL MEDICINE**

**1 year, 1 semester /winter/
15 weeks, 2 hours in a week, 30 training hours**

| Week | Practical training subjects |
|-----------|--|
| 1 | I. Drawing of teeth in triple size - 11/21, 12/22, 13/23, 31/41, 32/42, 33/43. |
| 2 | II. Drawing of teeth in triple size - 14/24, 15/25, 34/44, 35/45. |
| 3 | III. Drawing of teeth in triple size - 16/26, 17/27, 36/46, 37/47. |
| 4 | IV. Tooth carving - maxillary permanent central incisor. |
| 5 | V. Tooth carving - maxillary permanent canine. |
| 6 | VI. Tooth carving - mandibular permanent first premolar. |
| 7 | VII. Tooth carving - maxillary permanent first molar. |
| 8 | VIII. Basic forms of occlusal surfaces – wax modeling on a study template. |
| 9 | IX. Addition wax modeling technique – modeling of maxillary first premolar on a study template. |
| 10 | |
| 11 | X. Mounting study models on an articulator. Preparation of teeth 11, 15, 17 and 31, 34, 36 for restoration with wax modeling technique. |
| 12 | XI. First wax modeling of teeth 11, 15, 17 and 31, 34, 36. |
| 13 | |
| 14 | XII. Second wax modeling of teeth 11, 15, 17 и 31, 34, 36. |
| 15 | |