

# REQUIREMENTS

## Faculty of Dentistry

Name of academic organisational unit: <b>Department of Paedodontics and Orthodontics</b>
<b>Name of Subject:</b> Paedodontics <b>Type of Subject:</b> clinical faculty, theory and practice <b>code:</b> FOKOGFK265 <b>credits:</b> autumn semester: 5, spring semester: 6
<b>Subject Lecturer:</b> Assoc. Prof. Dr. med habil Rózsa Noémi Katinka, MSc, PhD
<b>Purpose of the subject in relation to the goal of the program:</b> The aim of studying Paedodontics is the acquirement of a sufficient theoretic and practical knowledge fulfilling the requirements set by the university and the government necessary to obtain a degree in dentistry. Students are expected to gain understanding through the attendance of lectures; supervised practical sessions within small groups; the study of textbooks and further recommended literature. Practical work, the treatment of patients, can only be started once the supervisor has tested and is satisfied with the student's theoretical knowledge. During the practical course, while examining patients, the students must take a general and dental anamnesis and then record the oral and dental status. This includes an examination of the soft tissues; the condition of the teeth such as fillings and decay, and eventual teeth irregularities. After checking with the supervisor, they finalize the treatment plan. This includes oral hygiene and nutritional advice, motivation for the patient and treatment of caries and consequences under strict supervision. At the end of each practical session the supervisor records each student's work in accordance to their prescribed treatment on their personal „Pensum sheet”.
<b>Subject syllabus (preferably divided by weeks, numbered):</b> <b>First semester:</b> <ol style="list-style-type: none"><li>1. The subject, signification and interactions of Paediatric Dentistry</li><li>2. Tooth development, anatomy and dentition of primary teeth</li><li>3. Developmental disturbances of permanent and primary teeth</li><li>4. Caries of primary teeth. Treatment possibilities</li><li>5. Consecutive illnesses of caries in primary dentition</li><li>6. Mechanism of second dentition. Physiological and pathological significance</li><li>7. Caries and treatment of permanent teeth</li><li>8. Consecutive illnesses of caries in permanent dentition</li><li>9. Psychological aspects of dental treatment during childhood</li><li>10. Filling materials in Paediatric Dentistry</li><li>11. Dental radiology in Paediatric dentistry</li><li>12. Dental anomalies in syndromes</li><li>13. Root-canal treatment of immature teeth, apexogenesis, apexification</li><li>14. Special aspects of prevention in paediatric dentistry and orthodontics</li></ol> <b>Second semester:</b> <ol style="list-style-type: none"><li>1. Pain control and anaesthesia during childhood</li><li>2. Traumatic injuries of primary teeth</li><li>3. Traumatic injuries of permanent teeth, complex therapy solutions</li><li>4. Non- and minimally invasive dentistry</li><li>5. Prosthetics in Paediatric dentistry</li><li>6. Periodontology and oral diseases during childhood</li><li>7. Dental attendance of children suffering from general diseases</li></ol>

8. The management of children with special needs
9. Aetiology and treatment methods of hard tissue discoloration
10. Administration of medicine in Paedodontics
11. Oral surgery during childhood
12. Molar-Incisor-Hypomineralisation Syndrom (MIH)
13. Consultation

**The theoretical topics of paedodontic practices follow the lectures.**

**Attendance requirements and possibilities of making up for absence**

The students are required to attend both lectures and midterm tests. The practical course of one semester cannot be recognised if a student is absent for more than 25% (more than 3 times) of the practice sessions. The missed practices can be retaken.

**Certification of absence from lessons and exams:**

Every student has to sign his/her own attendance sheet which is certified by the supervisor's signature. Presence is required at a level of 75%. No more than three absences are permitted. Replacement of the missed practices is possible.

**Mid-semester test and quiz topics, dates, absences and retaking of these tests:**

Electronic midterm tests have to be completed once every semester. The test-paper is validated with a score over 50%.

There are two possibilities to retake an unsuccessful test.

During the practical courses the skills of the students are checked.

**Criteria for the signature at the end of the semester (including the number and type of tasks to be completed individually by the student):**

1. At least satisfactory (2) results on midterm tests.
2. Interest and participation shown during the practical courses (maximum 3 absences).
3. Students should attain a sufficient theoretical and practical knowledge fulfilling the requirements of the Department.

**Possibilities of score acquisition: Practical results determination:**

The average of the test-papers and the judgement of the practical performance determine the final score of the semester, (50-50%). When evaluating the final practical results, one unsatisfactory score leads to a not validated semester.

**Type of exam:** Autumn semester: practical grade  
 Spring semester: practical grade, final exam

**Exam requirements:**

Upon the completion of the 10th semester the students receive a grade based on their practical work and must sit a final verbal examination in which they are tested on two topics chosen randomly. The list of examination topics is available at the beginning of the 10th semester.

**Application for exam:** Neptun system

**Modification of exam registration:** Neptun system

**Certification of absence from exams:**

In order to meet the requirements, students must comply with Examination Regulations. If an examination is unsuccessful retakes are possible according to regulations.

**List of textbooks, notes, study-aids and references:**

**Required textbook:**

1. Casamassimo PS, Fields HW, McTigue DJ, Nowak AJ: Pediatric Dentistry, Infancy through Adolescence 5th Edition, 2012; Elsevier Saunders, ISBN: 9780323085465

**Recommended textbooks:**

1. Jimmy R. Pinkham DDS MS; Paul S. Casamassimo DDS MS; Henry W. Fields Jr. DDS MS MSD; Dennis J. McTigue DDS MS; Arthur Nowak DMD: Pediatric Dentistry: Infancy Through Adolescence, Elsevier
2. Splieth, Christian H.: Revolutions in Pediatric Dentistry, 2011, Quintessenz Verlags-GmbH
3. International literature related to Pedodontics