

TRAINING AND QUALIFICATION REQUIREMENTS

master's degree in
DENTISTRY
one-tier education system

- 1.⁷⁴⁵ **The designation of the master's degree programme:** Dentistry
- 2.⁷⁴⁶ **Level of qualification of the master's degree and the designation of qualification set by the certificate:**
 - level of qualification: master's degree (magister, master; abbreviated as MSc)
 - qualification: registered dentist
 - designation of the qualification in English: Dentist (D.M.D. – doctor medicinae dentariae)

The degree testifies a doctor's degree, abbreviated as dr. med. dent.
3. **Field of education:** medical and health science
4. **Length of education in semesters:** 10 semesters
5. **Total credit requirement for obtaining a master's degree:** 300 credits
 - 5.1. Number of credits to be allocated in the basic module: 80–100 credits
 - 5.2. Number of credits to be allocated for the pre-clinical module: 45–59 credits
 - 5.3. Number of credits to be allocated for the clinical module: 115–131 credits
 - 5.4. Number of credits to be allocated for thesis writing: 20 credits
 - 5.5. Number of minimum credits to be allocated for optional subjects: 15 credits
 - 5.6. The ratio of practical module in the curriculum of the institution is a minimum of 65%.
6. **The purpose of education in the master's degree programme and the professional competencies to be acquired:**

The purpose of education is to train dentists to be able to provide dental activities independently within the health care system based on their high-quality scientific and dental knowledge, skills, attitude and behaviour they have acquired during their education. Furthermore, in performing the above-mentioned activities they will be able to take into consideration the different characteristic features, human dignity and rights of people consulting them to a large extent and these factors provide a basis for their decision-making and acts. In addition, they are able to work on their own as registered dentists in their field after completion of a training programme certified by a specialist examination. Having acquired the necessary theoretical knowledge and practical skills they are able to join a PhD programme.

- a) Individuals holding a master's degree have acquired knowledge regarding:
- the basics of health care of the individuals and the society,
 - causes, symptoms, prevention and cure of common occupational health hazards,
 - prevention, diagnostics, therapy and rehabilitation tasks related to dental disorders,
 - the notion and criteria of health,
 - the essence of major modern dental procedures and methods, the expectable information, indications and contraindications of these examinations, the risk factors and diagnostic values of such results,
 - the symptoms of dental and oral disorders and common general disorders that manifest in the mouth,
 - the etiopathogenesis, the early diagnosis, the treatment options and methods of common dental, oral and general disorders manifested in the mouth,
 - the system of screening dental and maxillofacial disorders with regard to prevention related to oncology,
 - the essence of important and modern dental therapy procedures, their theoretical and practical basis, furthermore the expected results and side effects of these therapeutic interventions,
 - materials used in dentistry, their main characteristics, indications and contraindications of their use,
 - the possibilities and methods of oral rehabilitation,
 - the etiopathogenesis and the solution of important public health hazards,
 - the principle of dental infection control, the necessity and possibility of applying it in practice,
 - the indications and risks of oral and maxillofacial surgeries,
 - psychological and social impacts of disorders occurring in dental care,
 - the system of health insurance, the structure of public health service, including the system of dental care/service and its financing regulations, ethical and legal knowledge required for dental practice,
 - the financial aspects of health care
- b) The individuals holding a master's degree are able to:
- take the medical history of the patient,
 - assess the health condition of the patient from a dental point of view, evaluate unhealthy life style and identify abnormalities
 - prepare all documents and the status of the patient professionally,
 - make decision regarding dental intervention as well as referring patients to specialists,
 - apply the preventive methods of stomatology in primary care,
 - cooperate effectively in various teams,
 - check and assess the quality of dental technical works,
 - apply and assess clinical examination methods and draw appropriate conclusions from the test results,
 - identify the need for immediate dental interventions,
 - provide life-saving first aid interventions,
 - operate dental equipment and have the necessary knowledge regarding health and.
- c) Personal skills and abilities required by the profession:
- empathy, willingness to help,
 - excellent communication skills with patients, team and society,
 - manual skills,
 - positive attitude,

- cooperation and management skills,
- creativity,
- problem solving skills

7. Knowledge required for the qualification and the master's degree:

7.1. Basic and pre-clinical module 125–159 credits:

Basic module:

foundation subjects (physics, chemistry, biochemistry cell biology), morphology (anatomy, histology,), molecular biology (biochemistry), pathology (general and oral pathology, general and oral pathophysiology, general and oral microbiology, functional biology (physiology, oral biology), behavioural studies (psychology, sociology, ethics – 80–100 credits.

Pre-clinical module:

introduction into clinical studies (internal medicine, surgery, dental pre-clinics), diagnostics (laboratory diagnostics, pathological diagnostics, diagnostic imaging, general and oral radiology), public health (economics), pharmacology (pharmacotherapy, toxicology) – 45–59 credits.

7.2. Core curriculum 115–131 credits:

Clinical module: 25–31 credits

complex knowledge of diseases and therapies (medical genetics, internal medicine, surgery, dermatology, ophthalmology, ENT, diseases of oral mucosa, paediatrics, obstetrics, gynaecology, neurology, psychiatry, oxiology, etc.) and optional subjects.

Dental clinical module: 90–100 credits

preventive dentistry, oral diagnostics, maintenance dentistry (conservative dentistry, endodontics, parodontology, etc.), oral surgery (dental surgery, maxillofacial surgery, etc.), restorative dentistry (implants), paediatric dentistry, orthodontics and optional subjects.

The ratio of the compulsory optional module is at least 15%.

Thesis: 20 credits.

8. Requirements of the practical module:

The practical module includes clinical, nursing, odontotechnology practice as well as extraction, general dentistry and maxillofacial practice. Length of practical module is at least 10 weeks.

9. ⁷⁴⁷ Language requirements:

For obtaining a master's degree a complex, upper-intermediate (B2) level, certified language exam, an equivalent secondary school leaving certificate or degree is required in either of the following languages: English, German, French, Spanish, Russian or a language of a nationality or ethnic minority.