



Programme of study: **Dental Medicine - English language**

Field of study: **Health**

General information

Requirements: Baccalaureate diploma, interview admission

Duration: 6 years (12 semesters); 360 ECTS

Form of education: full-time attendance

Language of study: English/Romanian

Title: **Doctor of dental medicine (dentist)**

Rating of last evaluation: Provisional authorisation

Maximum schooling capacity: 30 places

Description

The Dental Medicine - English study programme operates within the Faculty of Dental Medicine of UMFST "G.E.Palade" in Targu Mureș. The history of dental medical education in Mures County dates as far back as 1948. Over 70 generations of dentists, dental nurses and dental technicians, trained and dedicated to a noble profession, along with the experienced teachers, with high professionals, organizational and human skills, have built the competitive image of the faculty, recognized nationally and internationally, for excellence in training specialists.

The educational and research infrastructure, comprised of the Integrated Dental Centre, the simulation and dental imaging department, the teaching and research laboratories and many other facilities for the students, provides a modern, dynamic educational process with complex activities.

During clinical activities and under appropriate supervision of teachers, our dental students and resident doctors perform a wide range of dental procedures, exploring the entrepreneurial side of dentistry.

Mission:

The aim of the *Dental Medicine - English* study programme is an integral part of the UMFST "G.E. Palade" in Targu Mureș as set out in the University Charter and consists of:

- promoting education and academic performance in order to produce competitive and skilled graduates in dental medicine;
- training researchers to work in research centres and to pursue university doctoral studies;
- developing practical skills that meet employers' requirements with the purpose of providing highly qualified human resources in the dental field.

General objectives:

- Selection and continuous development of a valuable academic body, dedicated to the dental medicine - English study programme;





- Developing the fundamental and applied research skills of the students, in order to implement a clinical attitude, specific to the field of dental medicine;
- Providing the educational framework for the ethical training of the student in addressing life and professional issues.

Learning outcomes of the study programme

Professional competences - Descriptors of the level of the structural elements of professional competences

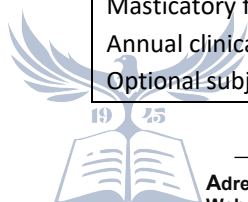
- Disease state identification and accurately diagnosing dental condition(s);
- Conservative treatment of dento-periodontal structures;
- Diagnosis and interceptive treatment of dentomaxillary anomalies;
- Prosthetic restoration of dental arches;
- Diagnosis, evolution and clinical examination of patients with maxillofacial surgical conditions;
- Managing the theoretical and legislative bases of the health care systems, as well as the managerial ones regarding the dental offices.

Transverse Competences - Descriptors of the level of transverse competences

- Performance of the professional tasks in a responsible manner, in conditions of restricted autonomy and qualified assistance;
- Knowledge of the roles and activities involved in teamwork and assignment of the tasks to the subordinated levels;
- Becoming aware of the need for life-long training, using the learning resources and techniques efficiently for the personal and professional development.

Subjects

1 st Year	2 nd Year
Cell and molecular biology	Clinical, topographic and imaging anatomy
Anatomy and embriology	Morphopathology
Physiology	Genetics
Biophysics. Biophysics in dentistry	Immunology
General biochemistry	Foreign language 2
Histology. Cytology	Physical education
Foreign language 1	Microbiology - bacteriology
Physical education	Dental materials
First aid measures/Communication skills	Microbiology - virusology, mycology
Hygiene and health education	Physiopathology
Medical terminology	Pharmacology
Behavioural sciences	Preventive dentistry 1
Bioethics and medical deontology	Ergonomy. Notions of diagnosis in dentistry
Neuroanatomy and cervical anatomy	Hygiene and health education
Biochemistry of the oral cavity	Medical psychology
Teeth and dental arches morphology.	Methodology of scientific research
Masticatory function	Healthcare informatics and biostatistics
Annual clinical practice	Annual clinical practice
Optional subject	Optional subject

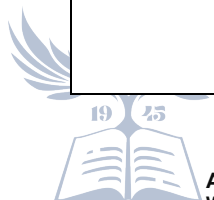




<p>3rd Year</p> <p>Anesthesia. Anesthesia and sedation in dental medicine Technology of dental prostheses (1), (2) Medical semiology. Internal medicine Occlusology Preventive dentistry 2 Conservative dentistry (simulation) Surgical semiology. General surgery Dermatology Prosthodontics (simulation) Annual clinical practice Optional subject Facultative subject</p>	<p>4th Year</p> <p>Odontotherapy Endodontics 1 Fixed prosthodontics Forensic medicine General radiology Dento-alveolar surgery Infectious diseases Epidemiology and preventive medicine Otorhinolaryngology Ophtalmology Dental radiology Paediatric dentistry 1 Neurology Psychiatry Paediatrics Annual clinical practice Optional subject</p>
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<p>5th Year</p> <p>Oral and maxillo-facial Surgery 1 Orthodontics 1 Aesthetics in orthodontics Paediatric dentistry 2 Oral implantology Endocrinology concepts Physiotherapy in dental medicine Implanto-prosthetic therapy Periodontology 1 Removable prosthodontics Endodontics 2 Annual clinical practice Optional subject</p>	<p>6th Year</p> <p>Professional organization and legislation Dental office management Removable prosthodontics Periodontology 2 Medical and surgical emergencies in dental medicine Oral pathology Oral and maxillo-facial Surgery 2 Dentofacial cosmetics Orthodontics 2 Oral rehabilitation Community dentistry Specialty practice Graduation thesis preparation Optional subject</p>
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Optional package	Optional subject
PRECLINICAL	Diet principles in oral pathology Dental materials in paediatric dentistry Medical terminology - applied linguistics and communication skills in Romanian language Adhesive modern techniques in dentistry Biocompatibility of dental materials Ethics and academic integrity





CLINICAL	Genetic hereditary factor in determining the scope of orofacial disorders Digital orthodontics Laser in Dentistry Occupational diseases and work-related diseases in dentistry Interdisciplinary confluences in orthodontics Minimally Invasive Techniques in Prosthetic Dentistry Periodontal regeneration and surgical techniques
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Facultative package	Facultative subject
III RD YEAR	Psycho-medical interdisciplinarity

Occupational perspectives

The 6 years of the *Dental Medicine - English* study programme end with the bachelor degree examination, as a result of which the title of **dentist doctor** and the **right of free practice** are both granted (certification of graduation recognised by the European Union).

Postgraduate training can be further continued through **residency** programmes in 7 different specialties and **master's** or **doctoral** study programmes.



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