„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Fixed dental prosthetics**					
Didactic function, name and surname of the course holder	**Assoc. Prof. PhD Pătroi Dan Nicolae**					
Didactic function, name and surname of the laboratory holder	**Assoc. Prof. PhD Bănățeanu Andreea Mariana, Assist. Prof. PhD Iancu Ștefania Andrada, Assist. Prof. PhD Lescai Ioana Mădălina**					
The discipline code	**DM 4.7.1**	The formative category of the discipline		**SD**		
Academic year	**V**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**8**
* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*						

Number of hours per week	**8**	Which of course hours	**2**	seminary / laboratory / clinical internship	**6**
Total hours of the curriculum	**112**	Which of course hours	**28**	seminary / laboratory / clinical internship	**84**
		Total hours per semester	**200**		
Distribution of Time					**88 hours**
1. Deciphering and studying course notes					10
2. Study after textbook, course support					12
3. Study of the indicated minimum bibliography					12
4. Additional documentation in the library					10
5. Specific training activity seminar and / or laboratory					12
6. Achievement homework, reports, essay, translations etc					6

7. Preparation of control papers	4
8. Preparation of oral presentations	4
9. Preparation of final exam	10
10. Consultations	2
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	2
14. Examinations	4
15. Other activities	0

The name of the course	**Fixed dental prosthetics**		
Professional competences specific to the discipline	Acquiring the theoretical and practical knowledge of fixed dental prosthetics. Knowing the principles of fixed prosthodontics in dental medicine according to the needs of each patient. Development of an individualized aesthetic treatment plan. Knowing and mastering the notion of post operative care as an important part of maintaining the health of the stomatognathic system.		
Transversal competencies	Knowledge of the principles of treatment regarding the fixed dental prosthetics.		
The general objective of the discipline	Knowledge of the fixed prosthodontics principles according to the needs of each patient. Learning the methods of fixed dental prosthetics. Knowing and mastering the factors of the fixed prosthodontics in dental medicine.		
The specific objective of the discipline	Knowledge and integration of the fixed prosthodontics objectives in the patient's general pathology. Formulation of a complete and complex diagnosis for each clinical case.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**
1 Clinical aspect of partial edentulism. General notions: definition, etiopathogenesis, classification of clinical forms. Diagnosis.	2
2 Analysis criteria regarding dento-periodontal support. Number, position and direction of implantation of remaining teeth. Coronal morphology and quality of bone implantation of teeth. Occlusal ratio. Analysis criteria regarding mucosal support of edentulous ridges.	2
3 General principles in the prosthetic treatment of reduced partial edentulism by dental bridges. Biofunctional principle. Biomechanical principle. Bioprophylactic principle.	2
4 Clinical examination of partially edentulous patients for the purpose of prosthetic solution by dental bridges. Preliminary stage. Secondary stage.	2
5 Preprosthetic and proprosthetic treatment in reduced partial edentulism. Psychological preparation of the patient. Necessary surgical interventions. Periodontal treatment. Occlusal balancing. Orthodontic treatment. Treatment of dental caries. Provisional prosthetics.	2
6 Dento-periodontal support. Retainers, connectors and pontics.	2
7 Principles of teeth preparation. Types of preparations.	2
8 Analog and digital impression.	2
9 Interim restorations. Provisional cementation.	2
10 Definitive cementation.	2
11 Maxillary frontal edentulousness restored prosthetically by bridge.	2
12 Maxillary lateral edentulousness restored prosthetically by bridge.	2
13 Mandibular frontal edentation prosthetically bridged.	2
14 Mandibular lateral edentation prosthetically bridged.	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1 Clinical examination of the partially edentulous patient. Observation sheet.	6
2 Classification of dental bridges. Indications. Stages of performing dental bridge treatment.	6
3 Pre- and pro-prosthetic treatment. Clinical and practical aspects.	6
4 Clinical and practical aspects of complications of partial edentulism and in the design of dental bridges.	6
5 Choice of abutment teeth and aggregation elements depending on the topography of the edentulous area.	6
6 Clinical and practical aspects in the preparation of dental abutments in the treatment of partial edentulism by bridges.	6
7 Impression methods and techniques in the treatment of partial edentulism through bridges	6

8 Recording inter-maxillary relationships. Clinical and practical aspects.	6
9 Temporary prosthetic techniques. Clinical and practical aspects	6
10 Clinical and practical aspects of fitting and adapting bridges in the prosthetic field. Shade registration.	6
11 Temporary cementation – methods and working times	6
12 Final cementation – methods and working times.	6
13 Fixed prosthetic treatment options in simple and complex single/multi-dental edentulism	6
14 Full mouth rehabilitations.	6

Minimal bibliography

1 Patroi D. - Lecture notes, 2025
2 Masry R, Driscoll C.F. - Clinical applications of dental digital technology, Wiley-Blackwell 2023
3 Keith G. - Clinical applications of dental materials, American Medical Publisher, 2023
4 Shripriya R. - Esthetic Dentistry, Lambert Academic Publishing, 2022
5 Mauro Fradeani Esthetic Rehabilitation in Fixed Prosthodontics Quintessence Publishing 2004
6 Shillingburg H.T. - Fundamentals of Fixed Prosthodontics, fourth edition, Quintessence Publishing 2012

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

Correctly assessing patients who may benefit from fixed prosthodontic treatment.

Mode of transmission of information:

Forms of activity	Teaching methods used
Course	Interactive programmed learning; multimedia projection of course material
Laboratory	Equipped dental offices and practical demonstrations

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

- to know the complex concepts regarding fixed prosthodontics
- to have no more than 20% unexcused and unrecovered absences from practical work
- to know the usual methods of clinical examination of the patient benefiting from fixed prosthodontics treatment

For the final grade is taken into account	Total = 100%
- the answer at the exam / final evaluation	**60 %**
- the final answer at the practical exam at laboratory	**10 %**
- periodic testing by control papers	**10 %**
- continuing testing during the semester	**10 %**
- activiry like homework / reports / essay / translation / projects etc.	**10 %**

- other sctivity	**0 %**
Describe the practical ways of final assessment, E: Practical Individual Exam, **E:** Written work (grid test)	
Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
- passing the practical exam - passing the control papers - making up for absences from practical papers - knowing the basics of fixed prosthodontics	- in-depth knowledge of the concepts of fixed prosthodontics

Date of completion

12.09.2025

Director of the Department,

Prof. PhD Comăneanu Raluca Monica

Course holder,

Assoc. Prof. PhD Pătroi Dan Nicolae

Laboratory holder,

Lecturer PhD Bănățeanu Andreea Mariana

Assist. Prof. PhD Iancu Ștefania Andrada

Assist. Prof. PhD Lescai Ioana Mădălina

Date of approval in the Department

17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**MEDICINE**
Department	**THE DEPARTMENT OF MEDICAL-SURGICAL DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**ENT**					
Didactic function, name and surname of the course holder	**PhD Hera Maria Cristiana**					
Didactic function, name and surname of the laboratory holder						
The discipline code	**DM 4.7.2**	The formative category of the discipline		**DD**		
Academic year	**IV**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**4**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**4**	Of which course hours	**2**	seminary / laboratory / clinical internship	**2**
Total hours of the curriculum	**56**	Of which course hours	**28**	seminary / laboratory / clinical internship	**28**
		Total hours per semester	**100**		

Distribution of Time	**44 hours**
1. Deciphering and studying course notes	10
2. Study after textbook, course support	10
3. Study of the indicated minimum bibliography	5
4. Additional documentation in the library	5
5. Specific training activity seminar and / or laboratory	5
6. Achievement homework, reports, essay, translations etc	0
7. Preparation of control papers	4
8. Preparation of oral presentations	0
9. Preparation of final exam	5
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	0
14. Examinations	0
15. Other activities	0

The name of the course	**ENT**		
Professional competences specific to the discipline	Knowledge of the instruments used in the consulting room. Learning specific ENT examination maneuvers. ENT patient care. Concepts of surgical technique. Attitude in ENT emergencies		
Transversal competencies	The importance of ENT pathology in correlation with specific dental pathology. Complications in the ENT sphere of some dental interventions. Common anatomy of the two fields.		
The general objective of the discipline	Familiarizing the student with the basic concepts of diagnosis and treatment of the main ENT diseases; Establishing interdisciplinary collaboration protocols between ENT-general dentistry and ENT surgery OMF; Attitude in ENT emergencies		
The specific objective of the discipline	Knowledge of the instruments used in the consulting room. Learning specific ENT examination maneuvers. ENT patient care. Concepts of surgical technique. Attitude in ENT emergencies		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate identifies, describes, explains, and analyzes the general principles of surgical interventions, correlated with various types of otorhinolaryngological (ENT) pathologies, with particularities for dentistry/dental medicine.	The student/graduate correctly uses and integrates clinical and paraclinical evaluation methods and techniques; improves practical skills, under appropriate supervision, through the evaluation and management of perioperative care and treatments.	The student/graduate collaborates with and supports the activities of the medical team, actively participating, under appropriate supervision, in surgical interventions as well as in perioperative care.

The content of the course – Analytical Syllabus	**No. hours**
1 Otology Concepts of anatomy and physiology of the ear. Otological syndromes. Malformations of the external and middle ear. Foreign bodies in the ear.	2
2 Otology Inflammatory and parasitic diseases of the external ear. Otitis media	2
3 Otology. Hearing aids. Chronic deafness. Ear tumors. Pathology of the inner ear	2
4 Rhinology Concepts of clinical anatomy. Concepts of physiology and pathophysiology. Nasal malformations. Nasal and facial sinus trauma. Nasal foreign bodies.	2
5 Rhinology Skin infections of the nose. Inflammation of the nasal mucosa. Inflammation of the paranasal sinuses (sinusitis)	2
6 Rhinology Nasal polyposis. Tumors of the nasal fossae and paranasal sinuses.	2
7 Laryngology Concepts of embryology, anatomy and clinical physiology of the larynx. Syndromes of the larynx. Malformations of the larynx. Laryngeal foreign bodies. Traumas of the larynx	2
8 Laryngology Acute and chronic laryngitis, specific and non-specific. Motor disorders of the larynx.	2
9 Laryngology Laryngeal tumors.	2
10 Pharyngology Concepts of anatomy and clinical physiology. Syndromes of the larynx. Malformations of the larynx. Traumas of the larynx. Foreign bodies of the larynx	2
11 Pharyngology. Acute/chronic infectious-inflammatory pathology of the pharynx	2
12 Pharyngology Pharyngological tumors	2

13 Tracheobronchial and Esophageal Pathology (Notions of tracheobronchial anatomy and physiology. Clinical aspects of tracheobronchial pathology. Notions of anatomy and physiology of the esophagus. Clinical aspects of esophageal pathology)	2
14 Salivary Gland Pathology and Elements of Cervical Pathology Notions of anatomy and physiology of the salivary glands. Methods of investigating the salivary glands. Disorders of salivary gland secretion. Inflammations of the salivary glands. Salivary lithiasis. Sialoses. Salivary gland tumors. Salivary gland trauma. Congenital diseases of the cervical region. Tumors of the cervical region. Cervical inflammations. Traumas of the cervical region.	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1 1. CLINICAL EXAMINATION IN ENT – light sources, generalities	2
2 OTOLOGY Auditory analyzer examination. Subjective examination. Objective examination: (Inspection, Palpation, Otoscopy, Tympanic membrane mobility research, Ear auscultation, Salpingoscopy).	2
3 OTOLOGY Functional examination: (Acumetry, Audiometry, Research on the permeability of the Eustachian tube).	2
4 OTOLOGY Laboratory examinations in otology	2
5 RHINOLOGY Examination of the nose, nasal cavities and paranasal sinuses. Subjective examination. Objective examination: (Inspection, Palpation, Endocavitary examination)	2
6 RHINOLOGY Functional examination. Special laboratory examinations	2
7 LARYNGOLOGY Subjective examination. Objective examination: (Inspection, Palpation, Endocavitary examination).	2
8 LARYNGOLOGY Functional examination. Laboratory examinations.	2
9 PHARYNGOLOGY Subjective examination. Objective examination: (Inspection, Palpation, Endocavitary examination)	2
10 PHARYNGOLOGY Functional examination. Laboratory examinations specific to the pharynx.	2
11 ESOPHAGOLOGY Semiology of the esophagus. Anatomical landmarks. History. Objective examination. Exploration of the esophagus	2
12 TRACHEO-BRONCHOLOGY ENT Tracheobronchial semiology. Anatomical landmarks. History. Objective examination. Tracheobronchial exploration.	2
13 VESTIBULAR PATHOLOGY Notions of anatomy and physiology. Semiology of the vestibular apparatus: (Subjective, Objective, Provoked tests). Examination of the vestibular analyzer.	2
14 INTERPRETATION OF SPECIFIC TESTS: SAF X-ray, CT-SAF, Pure tone audiogram, Vocal audiogram, Rhinomanometry, Vestibular tests, Skin allergy tests.	2
Minimal bibliography	
Course support 2025-2026	

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
The ENT discipline comprehensively addresses all significant pathology that may interfere with the activity of the dental specialist and is intended to guide him in resolving any situation related to ENT complications, especially rhino-sinus ones. During the clinical internship, students are confronted with clear situations (clinical cases), some of them involving dental pathology, which they are asked to analyze and propose concrete diagnostic and treatment solutions.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Power Point presentation
Laboratory	Practicing examination methods, presenting patients and specific lesions, mastering patient care techniques and basic surgical technique concepts, teaching and explaining concepts from the practical workbook, free discussions

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check
Specific ENT examination methods: Narinoscopy, anterior rhinoscopy, posterior rhinoscopy, buccopharyngoscopy, indirect laryngoscopy, otoscopy, palpation of the anterior cervical region, palpation of sinus and mastoid points, hearing testing, vestibular tests and nystagmus research Recognition of specific lesions of organs in the otolaryngological sphere

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**75 %**
- the final answer at the practical exam at laboratory	**25 %**
- periodic testing by control papers	**0 %**
- continuing testing during the semester	**0 %**
- activiry like homework / reports / essay / translation / projects etc.	**0 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E: Practical Individual Exam, Written work (test)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
Passing the practical exam is a condition for passing the written exam. 29-32 points out of 53 on the written exam (grid test) Superficial basic concepts and poor performance of the objective clinical examination of the patient on the practical test	Minimum 49 points out of 53 in the written exam (grid test) All theoretical concepts, correct performance of the patient's ENT objective examination, recognition of images with specific ENT lesions

Date of completion
12.09.2025

Director of the Department,
Assoc. Prof. PhD Ulmeanu Dan

Course holder,
PhD Hera Maria Cristiana

Laboratory holder,

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Radiological diagnosis in dentistry**					
Didactic function, name and surname of the course holder	**Lecturer PhD Iordan – Dumitru Dona Andreea**					
Didactic function, name and surname of the laboratory holder	**Assoc. Prof. PhD Pătroi Dan Nicolae, Lecturer PhD Iordan – Dumitru Dona Andreea, Assist. Prof. PhD Chivu Manuela Victoria**					
The discipline code	**DM 4.7.3**	The formative category of the discipline			**SD**	
Academic year	**IV**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**6**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**5**	Of which course hours	**2**	seminary / laboratory / clinical internship	**3**
Total hours of the curriculum	**70**	Of which course hours	**28**	seminary / laboratory / clinical internship	**42**
		Total hours per semester	**150**		

Distribution of Time	**80 hours**
1. Deciphering and studying course notes	20
2. Study after textbook, course support	15
3. Study of the indicated minimum bibliography	10
4. Additional documentation in the library	10
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	5
7. Preparation of control papers	5
8. Preparation of oral presentations	5
9. Preparation of final exam	10
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	0
14. Examinations	0
15. Other activities	0

The name of the course	**Radiological diagnosis in dentistry**		
Professional competences specific to the discipline	The students knowledge of the techniques of dental radiography, of the radiologic incidences used in dentistry and oro-maxillo-facial surgery. Students' knowledge of the anatomy of teeth on radiologic images. The ability to interpret dental radiographs and the radiologic diagnosis of normal and pathologic structures and lesions in the oro-maxillo-facial territory. Correct interpretation of the clinical and paraclinical signs in order to elaborate the radiologic diagnosis. Knowledge of the causes of errors in radiologic examination. Theoretical knowledge and practical application of radiation protection methods for medical staff and patient.		
Transversal competencies	Observance of the rules of protection in dental radiology; of the rules of asepsis and antisepsis; of the protection of the work of the doctor and the patient. Identification of the objectives to be achieved in the dental radiological examination, the available resources, the conditions for their completion, the stages of work. Identification of roles and responsibilities in a multidisciplinary team and application of effective teamwork techniques in order to achieve accurate radiographs for proper radiologic diagnosis. Effective use of communication resources and assisted training.		
The general objective of the discipline	Theoretical understanding of the radiologic incidents used in dentistry. Theoretical knowledge and practical application of radiation protection methods for medical personnel and patient.		
The specific objective of the discipline	Students' knowledge of the radiologic anatomy of the structures of the dento- maxillary apparatus. The ability of students to interpret dental radiographs and radiographs of the facial mass bones in order to correctly diagnose, from the radiologic point of view, oro-facial injuries.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate identifies, describes, differentiates, and appropriately evaluates the structure and functions of the dento-maxillary apparatus (teeth, jaws, muscles, related structures and tissues), both healthy and diseased.	The student/graduate develops and applies the specialized professional knowledge acquired for evaluating the structures of the dento-maxillary apparatus and diagnosing pathological changes.	The student/graduate identifies, localizes, differentiates, and describes pathological changes at the level of the structures of the dento-maxillary apparatus.

The content of the course – Analytical Syllabus	**No. Hours**
1 .General - Roentgen X-rays; dental Roentgen apparatus; properties and characteristics of X-rays, laws of X-ray image formation, notions of computer tomography	2
2 .Imaging techniques and methods used in dental diagnosis and OMF	4
3 .Radiologic dental anatomy by regions	8
4 .Panoramic radiography - advantages, disadvantages, indications, technique, errors	3
5. Radiological aspects of dental carie	2
6. Radiologic aspects in periodontal disease	2
7. Radiological aspects in OMF traumatology	2
8. Radiologic aspects of OMF tumors	2
9. Radiologic aspects in dental anomalies	3
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. Hours**
1 .Presentation of the Roentgen dental Roentgen device and how it works.	2

2 Practical presentation of film development	2
3 Examples of the anatomy of dental structures on radiologic images	8
4. Radioprotection in dentistry	2
5. Examples of radiographic views used in the oro-maxillo-facial area	10
6. Practice interpreting retroalveolar X-rays	8
7. Orthopantomography; practice interpreting it	6
8 Erroneous X-ray – interpretation	6

Minimal bibliography

1.Course support - Radiologic diagnosis in dentistry, 2025-2026.
2. Whaites E., Drage N, Essentials of Dental Radiography and Radiology , sixten Edition, Elsevier, 2020
3. Stabulas-Savage J, Student workbook for Frommer's radiology for the dental professional, 10th Edition, Elsevier, 2018.

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

At the end of the first semester of the fourth year, the students of the specialization of dental medicine must know the normal radiological appearance of the teeth and jaws, respectively of the various pathological dental and oro-maxillofacial lesions, so that they are able to establish a radiological diagnosis.

Mode of transmission of information:

Forms of activity	**Teaching methods used**
Course	Interactive presentation of the course material according to the syllabus, using multimedia projection of the course through power point presentations.
Laboratory	Under the supervision and coordination of the instructors, students learn how to interpret different types of radiographs of the oro-facial system, according to the analytical program. Also, on the basis of the knowledge acquired in the course, as well as multimedia means, debates are organized and held on the topics offered by the analytical program.

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

Formulate a diagnosis based on the interpretation of dental radiographs from the discipline collection. Attend all practical work and make up any absences.

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**60 %**
- the final answer at the practical exam at laboratory	**20 %**
- periodic testing by control papers	**10 %**
- continuing testing during the semester	**0 %**
- activiry like homework / reports / essay / translation / projects etc.	**10 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E:
Practical Individual Exam, **E:** Written work -grid test

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
Attendance at practical work / Compulsory make-up of absences. Knowledge of specialized terms. Knowledge of the basic concepts demonstrating that the subject has been covered. Ability to interpret different types of dental radiographs. Passing the knowledge test and passing the practical	Understanding of specialized terms and their use in context and appropriately. Accurate development of the essential elements of the concepts through the mastery of the whole course and the concepts acquired in the practical work in order to make a correct radiologic diagnosis.

examination are mandatory conditions for admission to the final examination/evaluatio	Participation in interactive discussions during the course or practical work. Ability to explain and interpret the theoretical and practical content of the subject through an interdisciplinary approach with other general and specific dental subjects.

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Lecturer PhD Iordan-Dumitru Andreea Dona

Laboratory holder,
Assoc. Prof. PhD Pătroi Dan Nicolae

Lecturer PhD Iordan-Dumitru Andreea Dona

Assist. Prof. PhD Chivu Manuela Victoria

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Anesthesia and sedation in dentistry**					
Didactic function, name and surname of the course holder	**Assoc. Prof. PhD Burcea Alexandru**					
Didactic function, name and surname of the laboratory holder	**Assoc. Prof. PhD Burcea Alexandru**					
The discipline code	**DM 4.7.4**	The formative category of the discipline		**SD**		
Academic year	**IV**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**6**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**6**	Of which course hours	**2**	seminary / laboratory / clinical internship	**4**
Total hours of the curriculum	**84**	Of which course hours	**28**	seminary / laboratory / clinical internship	**56**
		Total hours per semester	**150**		

Distribution of Time	**66 hours**
1. Deciphering and studying course notes	10
2. Study after textbook, course support	10
3. Study of the indicated minimum bibliography	7
4. Additional documentation in the library	6
5. Specific training activity seminar and / or laboratory	5
6. Achievement homework, reports, essay, translations etc	2
7. Preparation of control papers	6
8. Preparation of oral presentations	3
9. Preparation of final exam	0
10. Consultations	7
11. Documentation on the field	0
12. Documentation on the Internet	8
13. Tutoriing	0
14. Examinations	2
15. Other activities	0

Course name	**Anesthesia in dentistry**		
Professional competences specific to the discipline	Correct interpretation of signs, clinical symptoms and paraclinical examinations in order to develop a correct diagnosis. The use of therapeutic resources to formulate the treatment plan, as well as the correct interpretation of clinical and paraclinical data. Application of the techniques and clinical knowledge of anesthesia acquired to be corroborated with the paraclinical data. Realization of a treatment plan in accordance with the condition and its individualized adaptation to the particularities of the patient.		
Transversal competences	Identification of the objectives to be achieved, the available resources, the conditions for their completion, work stages, working times, related risks. Identification of roles and responsibilities in a multidisciplinary team.		
The general objective of the discipline	The accumulation of theoretical and practical data regarding anesthesia and extraction in the dental office		
Objectives specific to the discipline	Acquiring asepsis and antisepsis techniques. Familiarization of students with anesthesia and extraction instruments. Theoretical acquisition of anesthesia and extraction techniques for different groups of teeth. Management of accidents and complications of anesthesia and dental extraction.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

Content of lectures – Analytical syllabus	No.hours
1. The use of local anesthesia in dentistry	2
2. Anatomy of the trigeminal nerve and physiology of nerve transmission	2
3. Local anesthetic substances used in dentistry	2
4. Pathology of the upper wisdom tooth	2
5. Adjuvant substances	2
6. Topical anesthesia. Local anesthesia by infiltration.	2
7. Peripheral troncular anesthesia of the jaw	2
8. Peripheral troncular anesthesia in the mandible	2
9. Accidents and complications of locoregional anesthesia	2
10. Indications and contraindications of tooth extraction. instruments	2
11. Dental extraction technique for groups of teeth	2
12. Extraction by alveolotomy. Extraction of temporary teeth	2
13. Dental extraction accidents	2
14. Complications of tooth extraction	2
Seminary / Laboratory / Clinical Trainee content - Analytical syllabus	No.hours
1. Anatomy of the maxillary nerve	4

2. Anatomy of the mandibular nerve	4
3. The instruments used in anesthesia	4
4. Theoretical and practical presentation of local topical and infiltration anesthesia techniques	4
5. Theoretical and practical presentation of jaw anesthesia techniques	4
6. Theoretical and practical presentation of mandibular anesthesia techniques	4
7. Practical notions of asepsis and antisepsis, instrument handling, performing anesthesia	4
8. Recapitulation. Knowledge verification	4
9. Practical performance of the anesthesia techniques studied	4
10. Theoretical and practical presentation of tooth extraction in the jaw	4
11. Theoretical and practical presentation of tooth extraction in the mandible	4
12. Theoretical and practical presentation of alveolotomy extraction	4
13. Recapitulation. Knowledge check	4
14. Practical exam	4

Minimal bibliography

1) Course support 2025-2026
2) Handbook of Local anesthesia.Stanley F.Malamed 7th edition.Elsevier - Health Sciences Division, June 2019

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

By going through the courses and practical internships as this discipline, every student must know the techniques of performing local and loco-regional anesthesia at the level of the oral cavity under the conditions of compliance with the rules of asepsis, antisepsis, as well as solving accidents and complications associated with local and loco-regional anesthesia . This knowledge will be used daily in the dental office to carry out specific activities.

Mode of transmission of information:

Forms of activity	Teaching methods used
Course	The multimedia projection of the material according to the analytical program accompanied by interactive programmed education, in order to form the practical skills of the accumulated and acquired theoretical notions.
Laboratory	In the dental office Dental anesthesia techniques on pacients and models.Necessary instrument for dental anesthesia

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

- Performing the anamnesis, examining the patient, requesting and interpreting paraclinical examinations
- Elaboration of the complete diagnosis and a treatment plan
- 1 peripheral truncal anesthesia for the maxilla and 1 for the mandible; 2 plexal anesthesias. At least 2 simple extractions. Suturing a postextraction wound.
- Prevention, recognition and treatment of dental extraction accidents and complications.

For the final mark is taken into account	Weight in notation, expressed as a percentage (Total = 100%)
- the answer at the exam / final evaluation	**50%**
- the final answer at the practical exam at laboratory	**30%**
- periodic testing by control papers	**10%**
- continuing testing during the semester	**10%**
- activity like homework / reports / essay / translation / projects etc.	**0%**
- other activity	**0%**

Describe the practical ways of final assessment, E: Practical Individual Exam and Written work (descriptive and test)	
Minimum requirements for note 5 (Or how to assign note 5)	**Minimum requirements for note 10** (Or how to assign note 10)
· The student's attendance at a minimum of 80% practical work with the recovery of all absences. · Sustaining the control work and obtaining at least grade 5. (the control work is redone). · Obtaining grade 5 in the practical exam. · Minimal answers (grade 5) to the grid test.	· Grade above 9 in the control paper during the semester. · Grade above 9 in the practical exam. · Grade above 9 on the grid test.

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Assoc. Prof. PhD Burcea Alexandru

Laboratory holder,
Assoc. Prof. PhD Burcea Alexandru

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Dental practice management. Ergonomics**					
Didactic function, name and surname of the course holder	**Lecturer PhD Sitaru Alexandru**					
Didactic function, name and surname of the laboratory holder	**Lecturer PhD Sitaru Alexandru, Assist. Prof. PhD Stoian-Albulescu Mirel**					
The discipline code	**DM 4.7.5**	The formative category of the discipline		**SD**		
Academic year	**IV**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**V**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**4**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**4**	Of which course hours	**2**	seminary / laboratory / clinical internship	**2**
Total hours of the curriculum	**56**	Of which course hours	**28**	seminary / laboratory / clinical internship	**28**
		Total hours per semester	**100**		

Distribution of Time	**44 hours**
1. Deciphering and studying course notes	10
2. Study after textbook, course support	10
3. Study of the indicated minimum bibliography	10
4. Additional documentation in the library	4
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	0
7. Preparation of control papers	0
8. Preparation of oral presentations	0
9. Preparation of final exam	10
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	0
14. Examinations	0
15. Other activities	0

The name of the course	**Dental practice management. Ergonomics**		
Professional competences specific to the discipline	1. Managing a dental office. 2. Managing patients. 3. Managing employees. 4. Business planning		
Transversal competencies	1. Teamwork. 2. Oral and written communication skills. 3. Problem solving and decision making. 4. Respect and development of professional values and ethics.		
The general objective of the discipline	Acquiring basic knowledge regarding the management of an organization, developing students' thinking in order to obtain the motivational framework conducive to improving employee performance and creating interpersonal relationships necessary to achieve the objectives of a private dental office.		
The specific objective of the discipline	1. Understanding the content of the management concept and the way in which a manager organizes and coordinates multiple activities. 2. Mastering and applying management concepts in managing a dental office in order to obtain maximum results based on available resources. 3. Making students aware of the importance of developing a business plan as part of achieving personal success in managing a dental office.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate recognizes, identifies, describes, classifies, and differentiates current issues related to the organization of dental activities (prevention, curative activities, health education, etc.) and administrative–organizational matters. Understands the concept of coordinating the entire activity, as well as the dental team (nurse, dental technician). The student/graduate identifies, describes, explains, and presents ergonomics principles in the workplace, aimed at optimizing physical and psychological comfort; becomes aware of and explains the need for self-care and the risk of developing occupational diseases.	The student/graduate correctly evaluates workload, available resources, time required for dental procedures, risks, etc. Becomes aware of, assumes, and responsibly applies the role of coordinator of the dental team and the specific activities of its members. The student/graduate recognizes and harmonizes ergonomic elements to ensure conditions that allow the dentist to carry out optimal activity with minimal energy consumption and to ensure physiological well-being.	The student/graduate efficiently plans and organizes the activity in the dental office. Assumes responsibility for dental and administrative–managerial activities, as well as for coordinating the specific activities of the dental team. The student/graduate applies ergonomics principles in practical activity.

The content of the course – Analytical Syllabus	**No. hours**
1 Introduction to Dental Practice Management & Ergonomics	2

2 Ethical Principles and Professional Conduct	2
3 Financial Management I: Budgeting and Accounting	2
4 Financial Management II: Billing	2
5 Patient Communication and Psychology	2
6 Staff Management and Team Building	2
7 Marketing and Patient Acquisition	2
8 Infection Control and Local Law Compliance	2
9 Ergonomics I: Posture and Movement	2
10 Ergonomics II: Equipment and Workspace Design	2
11 Technology Integration in Dental Practice	2
12 Risk Management and Emergency Preparedness	2
13 Practice Growth and Expansion	2
14 Review and Future Trends in Dental Practice Management and Ergonomics	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1 Management concept	2
2 Management structure	2
3 Management functions	2
4 Human factor in the management process	2
5 Ethics in the management process	2
6 Dental practice management	2
7 Career management	2
8 Patient management	2
9 Employee management	2
10 Business planning	2
11 Financial management	2
12 Quality management	2
13 Marketing plan	2
14 Office organization	2
Minimal bibliography	
Course support 2025-2026	

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
Acquisition of managerial knowledge regarding the relationship with the health market: -medical practice in a competitive system; -financing of services, calculation and coverage of costs, monitoring of expenses by destination; -quality management based on criteria, standards, regulations and through the control of related expenses, etc.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Multimedia presentation - Power Point of the basic notions accompanied by iconography. Interactive course.
Laboratory	Multimedia presentation. Answers to students' questions

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

For the final grade is taken into account	**Total = 100%**

- the answer at the exam / final evaluation	**80 %**
- the final answer at the practical exam at laboratory	**0 %**
- periodic testing by control papers	**0 %**
- continuing testing during the semester	**0 %**
- activity like homework / reports / essay / translation / projects etc.	**20 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E: Scientific Report**, E:** Written work (descriptive)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
Basic knowledge of the concepts presented in the course. Answers should not contain serious errors.	In-depth knowledge of the concepts presented in the course. Correct answer to all exam questions.

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Lecturer PhD Sitaru Alexandru

Laboratory holder,
Lecturer PhD Sitaru Alexandru

Date of approval in the Department
17.09.2025

Assist. Prof. PhD Stoian-Albulescu Mirel

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**MEDICINE**
Department	**THE DEPARTMENT OF MEDICAL-SURGICAL DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Ophtalmology**					
Didactic function, name and surname of the course holder	**Lecturer PhD Manasia Daniela**					
Didactic function, name and surname of the laboratory holder	**Lecturer PhD Manasia Daniela**					
The discipline code	**DM 4.8.6**	The formative category of the discipline		**DD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**2**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**2**	Of which course hours	**1**	seminary / laboratory / clinical internship	**1**
Total hours of the curriculum	**28**	Of which course hours	**14**	seminary / laboratory / clinical internship	**14**
		Total hours per semester	**50**		

Distribution of Time	**22 hours**
1. Deciphering and studying course notes	5
2. Study after textbook, course support	5
3. Study of the indicated minimum bibliography	5
4. Additional documentation in the library	0
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	0
7. Preparation of control papers	0
8. Preparation of oral presentations	0
9. Preparation of final exam	7
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	0
14. Examinations	0
15. Other activities	0

The name of the course	**Ophtalmology**		
Professional competences specific to the discipline	Recognition of lesions specific to the ophthalmological sphere. Knowledge of ocular complications due to oral-maxillofacial pathology. Ability to correctly manage an ophthalmological emergency. Knowledge of ophthalmological examination methods.		
Transversal competencies	• teamwork skills, • oral and written communication skills, • respect and development of professional values and ethics, • openness to lifelong learning		
The general objective of the discipline	Presentation of anatomical concepts specific to the visual analyzer, basic concepts regarding etiopathogenesis, diagnosis and specific treatment.		
The specific objective of the discipline	Knowledge of ophthalmological conditions secondary to dental pathology.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate identifies, describes, explains, and analyzes the general principles of surgical interventions, as well as perioperative care techniques, correlated with various types of surgical pathologies and approached in a multidisciplinary manner in ophthalmology, with particularities for dentistry/dental medicine.	The student/graduate correctly uses and integrates clinical and paraclinical evaluation methods and techniques; improves practical skills, under appropriate supervision, through the evaluation and management of perioperative care and treatments.	The student/graduate collaborates with and supports the activities of the medical team, actively participating, under appropriate supervision, in surgical, anesthesia, and intensive care interventions, as well as in perioperative care.

The content of the course – Analytical Syllabus	**No. hours**
1 ANATOMY OF THE EYE – the peripheral, intermediate and conducting segment of the visual apparatus; the central cerebral segment; nutrition, vascularization and innervation; visual function and visual disorder	1
2 PATHOLOGY OF THE ORBIT AND THE LACHRIMAL APPARATUS – anatomy of the orbit, orbital myopathies and orbital tumors; Graves' disease and orbital trauma; anatomy of the lacrimal apparatus; inflammations, traumas and tumors of the lacrimal apparatus	1
3 PATHOLOGY OF THE CONJUNCTIVUS – anatomy of the conjunctiva; inflammations of the conjunctiva;	1
4 PATHOLOGY OF THE CORNEA – anatomy of the cornea; inflammations of the cornea;	1
5 PATHOLOGY OF THE SCLERA – anatomy of the sclera, inflammations of the sclera: episcleritis and scleritis; sclera traumas	1
6 PATHOLOGY OF THE UVEA – anatomy of the uvea; anterior, intermediate and posterior uveitis; tumors of the uvea; uveal trauma	1
7 LENS PATHOLOGY – anatomy of the lens, cataract: congenital, senile, traumatic; lens position disorders: subluxation and dislocation	1
8 GLAUCOMA – definition of intraocular pressure; physiology of intraocular pressure; glaucoma: congenital, primitive open/closed angle; acute attack of glaucoma,; absolute glaucoma	1
9 RETINA PATHOLOGY – anatomy of the retina; diabetic / hypertensive retinopathy; retinal detachment; retinal tumors	1
10 OPTIC NERVE PATHOLOGY – anatomy of the optic nerve; inflammation of the optic nerve; papillary stasis; optic nerve atrophy; anterior ischemic optic neuropathy	1

11 EYE REFRACTION – myopia; hyperopia; astigmatism; presbyopia	1
12 EYE TRAUMA – complex trauma of the eyeball and its adnexa; ocular contusions; perforating wounds of the eyeball;	1
13 VISUAL COMPLICATIONS SECONDARY TO DENTAL TREATMENT – infectious accidents: orbital phlegmon, orbital cellulitis, panophthalmia; mechanical accidents: palpebral / subconjunctival hemorrhage; reflex accidents: mydriasis – risk of glaucoma attack in patients with angle-closure glaucoma; retinal angiospasms – risk of arterial obstructions on the branches of the retinal artery	1
14 ORBITO-PALPEBRO-OCCULAR DISEASES SECONDARY TO SOME OBCULAR-DENTAL DISEASES - neighboring accidents: orbito-palpebral accidents due to ectopia, lacrimal or palpebral infectious complications; remote manifestations: sensory disorders, motor disorders, pupillary reactions, sensory disorders, secretory disorders, trophic disorders, inflammatory diseases	1
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1 DAYLIGHT EYE EXAMINATION	2
2 ANTERIOR POLAR EXAMINATION WITH THE HELP OF A BIOMICROSCOPE	2
3 DETERMINATION OF VISUAL ACUITY	2
4 DETERMINATION OF INTRAOCULAR PRESSURE and VISUAL FIELD EXAMINATION	2
5 EXAMINATION OF THE LACRIMAL APPARATUS: secretory and excretory function	2
6 EXAMINATION OF THE FUNDUCT OF THE EYE: direct ophthalmoscopy	2
7 COMMON THERAPEUTIC METHODS IN OPHTHALMOLOGY	2
Minimal bibliography	
Course support 2025-2026	

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
The concepts accumulated during the course and the LP, combined with current domestic and international bibliography, provide students with highly qualified professional skills, allowing for the creation of correlations between specialties.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Power Point presentation
Laboratory	Practicing and mastering examination methods, presenting patients and specialized atlases for recognizing specific lesions, mastering techniques for caring for patients with eye conditions, free discussions

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check
- correct determination of visual acuity - ophthalmological examination in daylight

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**50 %**
- the final answer at the practical exam at laboratory	**0 %**
- periodic testing by control papers	**0 %**
- continuing testing during the semester	**50 %**
- activiry like homework / reports / essay / translation / projects etc.	**0 %**
- other sctivity	**0 %**
Describe the practical ways of final assessment, E: Practical Individual Exam, Written work (test)	
Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)

6 correct answers out of 10 on the multiple choice test Superficial basic knowledge and poor performance of the objective clinical examination of the patient on the practical test	• 10 correct answers to the grid test • All theoretical concepts, correct performance of the patient's objective examination, recognition of images with lesions specific to ophthalmological conditions

Date of completion
12.09.2025

Director of the Department,
Assoc. Prof. PhD Ulmeanu Dan

Course holder,
Lecturer PhD Manasia Daniela

Laboratory holder,
Lecturer PhD Manasia Daniela

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Diagnostic skills ant treatment of dental pulp diseases. Intrumentation techniques on simulators**					
Didactic function, name and surname of the course holder	**Lecturer PhD Manea Ștefan**					
Didactic function, name and surname of the laboratory holder	**Lecturer PhD Manea Ștefan**					
The discipline code	**DM 4.8.7**	The formative category of the discipline		**SD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**7**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**8**	Of which course hours	**2**	seminary / laboratory / clinical internship	**6**
Total hours of the curriculum	**112**	Of which course hours	**28**	seminary / laboratory / clinical internship	**84**
		Total hours per semester	**175**		

Distribution of Time	**63 hours**
1. Deciphering and studying course notes	10
2. Study after textbook, course support	7
3. Study of the indicated minimum bibliography	5
4. Additional documentation in the library	1
5. Specific training activity seminar and / or laboratory	5
6. Achievement homework, reports, essay, translations etc	3
7. Preparation of control papers	5
8. Preparation of oral presentations	6
9. Preparation of final exam	9
10. Consultations	2
11. Documentation on the field	0
12. Documentation on the Internet	5
13. Tutoriing	2
14. Examinations	2
15. Other activities	1

The name of the course	**Diagnostic skills ant treatment of dental pulp diseases. Intrumentation techniques on simulators**		
Professional competences specific to the discipline	• Acquisition of theoretical knowledge on the stages of endodontic treatment, endodontic instruments, root anatomy and symptoms of pulpal diseases. • Knowledge of the indications, contraindications, advantages and disadvantages of endodontic treatment on vital teeth. • Acquiring practical knowledge about endodontic treatments on vital teeth. • Acquiring, through the exercise, the manuality necessary for the correct realization from the operative point of view of the above mentioned treatments.		
Transversal competencies	• Rigorous theoretical documentation of root anatomy and pulp organ physiology, establishing a correct diagnosis based on clinical and paraclinical signs. • Detailed knowledge of endodontic instruments with indications and contraindications, of endodontic treatment techniques on vital and devital teeth. • Achieving the performance characteristic of modern standards in achieving a correct and lasting treatment in the endocanalicular system. • Students will understand that achieving the right treatment requires thorough knowledge and a varied practice.		
The general objective of the discipline	• Prepare the patient's clinical observation sheet. • Accumulation of theoretical and practical data on endodontic treatment on vital and nonvital teeth		
The specific objective of the discipline	• Acquiring the practical notions regarding the realization of endodontic treatments. • A thorough understanding of the functionality of the pulpal organ and the vitality of the tooth and the implications of losing it. • Correlation of the phases of endodontic treatment with the morphofunctional restoration of the entire dentomaxillary apparatus in the context of the general condition of the patient. • Acquiring the necessary manual skills to perform treatment techniques.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**
1. Pulp biology and endodontic microbiology	2
2. Endodontic diagnosis	2
3. Pulpitis	2
4. Endo anaesthesiology and rubber dam	2
5. Root canal anatomy and acces cavity design	4
6. Acces cavity and instrumentation- instruments and techniques	4

7. Root canal desinfection- instruments and techniques	2
8. Root canal obturation- instruments and techniques	2
9. Vital pulp teraphy	2
10. Restoration of nonvital teeth	2
11. Ergonomy of the endo office	2
12. The use of Magnification in endodontics	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1.Replica teeth for endodontic training	6
2. Instruments used in endodontics	12
3. Endodontic diagnosis	6
4. Endo anaesthesiology and rubber dam	6
5. Root canal anatomy and acces cavity design	6
6. Acces cavity and instrumentation- instruments and techniques	12
7. Root canal desinfection- instruments and techniques	6
8. Root canal obturation- instruments and techniques	6
9. Vital pulp teraphy	6
10. Restoration of nonvital teeth	6
11. Ergonomy and magnification in endodontics	6
12.Practical exam	6

Minimal bibliography

1. Endodontic Advances and Evidence-Based Clinical Guidelines- Hany M. A. Ahmed , Paul M. H. Dummer, 2022
2. Cohen's Pathways of the Pulp, 12th Edition – Louis Berman, Kenneth Hargreaves, 2020
3. Ingle Endodontics 7th Edition, Ilan Rotstein, John I. Ingle, 2019
4. Endodontics Review – a study guide, Brooke Blicher,Rebekah Lucier Pryles, Jarshen Lin, 2016
5. Endodontics - Arnaldo Castelluci vol. I,II,III- 2009
6. Course Notes 2025

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

1. Deepening the theoretical knowledge and its practical application. The notions taught in this discipline are the basis of the activity as a dentist and part of that of an endodontist.
2. The future practical activity of the dentist includes craftsmanship, in-depth knowledge in the medical field and specific to dentistry, which is perfected in the practical works of the discipline Endodontics
3. Professionalism is based on a permanent information, updated according to the specialized literature, active participation in research in the field of endodontics or participation in scientific manifestations of dentistry.

Mode of transmission of information:

Forms of activity	**Teaching methods used**
Course	Laptop, video projector. Multimedia - Power Point presentation of the basics accompanied by iconography. Interactive course. Answers to student questions.
Laboratory	The current endodontic instruments and endodontic treatment techniques will be presented, demonstrations will be performed on extracted teeth and on endoblocks on mechanical preparation techniques, students will make the proposed scale, case presentations will be made, interpretations of dental radiographs and students projects be presented will be evaluated taking into account the topics addressed in the field of endodontics.

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

- 5 teeth : 2 mono and 3 pluriradicular teeth complete treatment (preparation and filling) and imaging

- 2 fitting dam- phantom/colleague / patient
- in order for the student to acquire the minimum level of competences specific to the discipline, we consider necessary the interactive participation in the practical works, the promotion of the control work, the promotion of the practical exam and the solving of the basic grid tests in the final exam

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**60 %**
- the final answer at the practical exam at laboratory	**15 %**
- periodic testing by control papers	**10 %**
- continuing testing during the semester	**10 %**
- activiry like homework / reports / essay / translation / projects etc.	**5 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E:
The practical exam consists of an oral examination of the acquired knowledge, in groups. At least 3 students participate in the examination, the holder of the discipline and the holder of the practical works. The final exam consists of a test: grid testing and open questions.

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
The presence of the student at least 90% practical works with the restoration of all absences. • Supporting the control work and obtaining at least grade 5. (the control work is repeated). • Obtaining a grade of 5 in the practical exam. • Minimum answers (note 5) to the final exam test	• Grade over 9 for the control paper during the semester. • Grade over 9 in the practical exam. • Grade over 9 on final exam test.

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Lecturer PhD Manea Ștefan

Laboratory holder,
Lecturer PhD Manea Ștefan

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**MEDICINE**
Department	**THE DEPARTMENT OF MEDICAL-SURGICAL DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Pediatrics**					
Didactic function, name and surname of the course holder	**Lecturer PhD Ion Laura**					
Didactic function, name and surname of the laboratory holder	**Lecturer PhD Ion Laura**					
The discipline code	**DM 4.8.8**	The formative category of the discipline		**DD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**4**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**4**	Of which course hours	**2**	seminary / laboratory / clinical internship	**2**
Total hours of the curriculum	**56**	Of which course hours	**28**	seminary / laboratory / clinical internship	**28**
		Total hours per semester	**100**		

Distribution of Time	**44 hours**
1. Deciphering and studying course notes	10
2. Study after textbook, course support	10
3. Study of the indicated minimum bibliography	10
4. Additional documentation in the library	0
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	0
7. Preparation of control papers	0
8. Preparation of oral presentations	0
9. Preparation of final exam	14
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	0
14. Examinations	0
15. Other activities	0

The name of the course	Pediatrics		
Professional competences specific to the discipline	• Pediatric anamnesis • Pediatric clinical examination • Elaboration of a diagnosis . differential diagnosis • Establishing therapeutic conduct • Knowledge of pediatric pathologies of importance in dentistry: diseases in which the oral cavity and/or teeth are affected; diseases of importance in determining therapeutic conduct: coagulation or hemostasis abnormalities, cardiac abnormalities; pediatric emergencies • The possibility of evaluating information from a specialized article and assessing the relevance, validity and degree of reliability of the respective study; • Acquiring the skills to search for scientific information, both through classical methods and using computerized data search methods.		
Transversal competencies	• Acquiring communication skills, both with family members (mother, father, etc.) and with the pediatric patient • Identifying the role and responsibility in a multidisciplinary team • Teamwork skills • Developing leadership skills • Analyzing different clinical cases/activities from the point of view of quality management • Efficient use of information sources, communication resources and professional training, both in Romanian and in an international language, in order to develop and present a specialized paper • Carrying out projects, under coordination, to solve problems specific to the pediatric field, with the correct assessment of the workload, available resources, time required for completion and risks, under the conditions of applying deontological norms and professional ethics in the field, as well as occupational health and safety.		
The general objective of the discipline	Presentation of aspects related to childcare and pediatric pathology, with emphasis on those involved in the diagnosis and management of dental pathology		
The specific objective of the discipline	Students' acquisition of the method of taking a pediatric history, clinical examination of a child, developing a diagnosis, establishing therapeutic conduct, medical follow-up, as well as the possibility of evaluating information from a specialized article and assessing the relevance, validity and degree of trust of the respective study; acquisition of scientific information search capabilities, both through classical methods and using computerized data search methods. Identification of pathologies with involvement in the diagnosis and management of dental problems and addressing them appropriately.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate identifies, describes, and evaluates etiopathogenic mechanisms, clinical and paraclinical manifestations, and diagnostic and treatment principles specific to medical conditions, with particularities for dentistry/dental medicine.	The student/graduate recognizes and differentiates the general health and/or disease status of patients who are to benefit from dental treatments. Demonstrates, adapts, and integrates the theoretical notions and practical skills necessary for assessing disease status, using specific clinical and paraclinical methods and techniques.	The student/graduate correctly assesses and determines patients' capacity to benefit from (tolerate) dental treatments, in relation to their general health status. Plans, applies, and coordinates, under appropriate supervision, integrated medical interventions, assuming responsibility and collaborating interdisciplinarily.

The content of the course – Analytical Syllabus	**No. hours**
1 Concepts of growth and development. Growth factors. Demographic problems	2
2 Nutrition of the newborn, infant and child.	2
3 Deficiency diseases - Common deficiency rickets. Iron deficiency anemia Protein - calorie malnutrition	2
4 Respiratory system. Acute rhinopharyngitis. Adenoiditis - acute, subacute, chronic. Acute streptococcal pharyngotonsillitis. Otitis. Acute laryngitis	2
5 Respiratory system. Bronchiolitis. Pneumococcal pneumonia. Staphylococcal bronchopneumonia	2
6 Digestive system. Stomatitis. Gastroesophageal reflux. Oral manifestations in malabsorption syndromes	2
7 Digestive system. Gastritis. Primary and secondary ulcer. H. pylori infection	2
8 Digestive system. Acute gastroenteritis. Acute dehydration syndrome	2

9 Cardiovascular system. Congenital heart defects (DSV, Patent ductus arteriosus, Tetralogy of Fallot, Coarctation of the aorta). Bacterial endocarditis	2
10 Urinary system. Acute post-streptococcal glomerulonephritis. Nephrotic syndrome. Urinary tract infection	2
11 Blood diseases. Hemolytic anemias. Idiopathic thrombocytopenic purpura; Henoch-Schonlein purpura Hemophilia	2
12 Pediatric emergencies. Febrile convulsions. Ingestion of foreign bodies. Anaphylactic shock	2
13 Pediatric emergencies. Poisonings: organophosphates, paracetamol, ethanol, methanol, carbon monoxide. Ingestion of corrosive substances. Down's disease	2
14 Communication with the pediatric patient in the dental office	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1 Observation sheet in pediatrics	2
2 Infant and child nutrition	2
3 Deficiency diseases (iron deficiency anemia, common deficiency rickets, malnutrition) - oral manifestations in deficiency diseases in children	2
4 Respiratory system: Semiology of the respiratory system. Clinical and paraclinical diagnosis in acute upper respiratory tract infections	2
5 Respiratory system: Clinical and paraclinical diagnosis in acute lower respiratory tract infections	2
6 Cardiovascular system: Semiology of the cardiovascular system. Congenital heart malformations. Bacterial endocarditis - practical prophylaxis schemes in different types of dental interventions	2
7 Digestive system: Semiology of the digestive system. Stomatitis, GER. Oral manifestations in gastroesophageal reflux	2
8 Digestive system: Acute gastroenteritis. Acute dehydration syndrome. Oral and intravenous rehydration - practical applications	2
9 Nutrition recommendations for the pediatric patient from the dentist's perspective	2
10 Urinary system: Oral manifestations in chronic kidney disease	2
11 Blood: Hemolytic anemias, Pathology of hemostasis, Practical implications - the hemophilic patient in the dental office	2
12 Pediatric emergencies, Febrile seizures, Ingestion and aspiration of foreign bodies, Anaphylactic shock	2
13 Pediatric emergencies in the dental office; emergency kit	2
14 Communication techniques with pediatric patients and their families	2
Minimal bibliography	
Course support 2025-2026	

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
The thematic content of the discipline is current and is correlated with the needs of employers in the country and abroad, in the fields of health, healthcare management, higher medical education, and research.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Power Point presentation
Laboratory	Presentations of clinical cases, both by the teacher and the student, taking the anamnesis, clinical examination, diagnostic and therapeutic plan, etc.

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

Anamnesis, clinical examination, diagnostic, therapeutic and follow-up plan. Attendance according to the regulations and passing the practical exam are mandatory conditions for admission to the final assessment.

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**60 %**
- the final answer at the practical exam at laboratory	**30 %**
- periodic testing by control papers	**5 %**
- continuing testing during the semester	**5 %**
- activiry like homework / reports / essay / translation / projects etc.	**0 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E: Written work (test)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
• passing periodic tests through control papers at the LP with correct final answers, respectively obtaining satisfactory scores during these tests during the semester • correctly completing some topics in the final exam	• Correctly completing all requirements for the final exam • If applicable, the student who participated in scientific activities receives 20% of the final grade

Date of completion
12.09.2025

Director of the Department,
Assoc. Prof. PhD Ulmeanu Dan

Course holder,
Lecturer PhD Ion Laura

Laboratory holder,
Lecturer PhD Ion Laura

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Oral-maxillo-facial surgery I**					
Didactic function, name and surname of the course holder	**Lecturer PhD Gioga Cherana**					
Didactic function, name and surname of the laboratory holder	**Lecturer PhD Gioga Cherana**					
The discipline code	**DM 4.8.9**	The formative category of the discipline		**SD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**6**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**6**	Of which course hours	**2**	seminary / laboratory / clinical internship	**4**
Total hours of the curriculum	**84**	Of which course hours	**28**	seminary / laboratory / clinical internship	**56**
		Total hours per semester	**150**	Total hours of individual study	**66 hours**

Distribution of Time	hours
1. Deciphering and studying course notes	22
2. Study after textbook, course support	14
3. Study of the indicated minimum bibliography	14
4. Additional documentation in the library	2
5. Specific training activity to prepare seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	0
7. Preparation of control papers	0
8. Preparation of oral presentations	2
9. Preparation of final exam	10
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	2
13. Tutoriing	0
14. Examinations	0

15. Other activities	0

The name of the course	**Oral-maxillo-facial surgery I**		
Professional competences specific to the discipline	Correct interpretation of clinical signs, symptoms and laboratory tests in order to develop a correct diagnosis. Use of therapeutic resources to formulate the treatment plan, as well as the correct interpretation of clinical and laboratory data. Application of acquired oral surgery techniques and clinical knowledge that will be corroborated with laboratory data. Creation of a treatment plan in accordance with the condition and its individualized adaptation to the patient's particularities.		
Transversal competencies	Identifying the objectives to be achieved, the available resources, the conditions for their completion, the work stages, the working times, the associated risks. Identifying the roles and responsibilities in a multidisciplinary team.		
The general objective of the discipline	Accumulation of theoretical and practical data regarding extraction, odontectomy, apical resection, soft tissue and maxillary bone plasty that can be used in the dental office.		
The specific objective of the discipline	Familiarizing students with oral surgery instruments. Theoretical acquisition of extraction, odontectomy and apical resection techniques for different groups of teeth. Management of accidents and complications in oral surgery.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**
1. Dental extractions	2
2. Atraumatic tooth extraction and bone preservation	2
3. Surgical tooth extraction	2
4. Perioperative and post-operative complications	2
5. Eruptive disorders of temporary and permanent teeth	2
6. Pathology of inferior and superior wisdom teeth	2
7. Pathology of the infected canines	2
8. Surgical treatment of odontogenic periapical lesions(I) – Apicoectomy	2
9. Surgical treatment of odontogenic periapical lesions(II)	2
10. Periodontal surgical tehniques(I)	2

11. Periodontal surgical tehniques(II)	2
12. Pre-prosthetic soft tissues surgery	2
13. Pre-prosthetic hard tissues surgery	2
14. Dentoalveolar trauma	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. hours**
1. Patient's examination.case documentation aming treatment planing elaboration	4
2. Instruments used in dental extraction	4
3. Instuments used in oral surgery	4
4. Practical aspects and demonstrations for maxilary teeth extractions(temporary and permanents) – Suturing tehniques – Stage 1- Simple suture	4
5. Practical aspects and demonstrations for extraction of temporary and permanent mandibular teeth – Suturing tehniques – Stage 2- Vertical and Horizontal mattress suture	4
6. Practical aspects and demonstrations for extraction of superior impacted teeth – Suturing tehniques- Stage 3 – Contionuous suture	4
7. Practical aspects and demonstrations for extraction of inferior impacted teeth	4
8. Practical aspects and demonstrations for apicectomy – Flap design – Clinical evaluation of the periodontal tissue	4
9. Hands-on(sheep head) – for different types of flaps	4
10. Piezo-day – Hands on(sheep head) ussing piezosurgical instruments and tehniques (teeth,bone,soft tissue)	4
11. Bone and soft tissue – regeneration – Periodontal surgical tehniques	4
12. Preprosthetic soft tissue surgery – practical aspects - Preprosthetic bone surgery – practical aspects	4
13. Review and preparation of the practical exam	4
14. Practical Exam	4
Minimal bibliography	
- Manual of oral surgery III Edition, Matteo Chiapasco, 2018 - Lectures (Digital course support 2025-2026)	

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
After completing the courses and practical training in this discipline, students should be able to diagnose dentoalveolar conditions that indicate tooth extraction or conservative surgical treatment, perform uncomplicated tooth extractions, prevent, recognize, and manage accidents and complications arising during extractions, and refer patients to oral and maxillofacial surgery specialists for the odontectomy of impacted teeth, endodontic surgery, or pre-prosthetic surgery.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	**1. Traditional Lectures** • PowerPoint presentations, case studies, and discussions. • Interactive courses (based on Q&A interactions) **2. Case-Based Learning (CBL)** • Students discuss real clinical cases, diagnosis, treatment planning, and surgical techniques. • Encourages decision-making and application of theoretical knowledge. **3. Small Group Discussions & Seminars** • Interactive sessions where students discuss topics, research papers, or new surgical innovations • Encourages participation and knowledge-sharing.

Laboratory	**1. Role-Playing & Peer-Assisted Learning** • Students take turns acting as surgeons, assistants, and patients. • Helps improve communication, teamwork, and clinical reasoning. **2. Problem-Based Learning (PBL)** • Students are given real or hypothetical clinical cases to solve. • Encourages critical thinking, collaboration, and independent research. **3. Live Demonstrations & Video-Based Learning** • Surgeries in real-time or show recorded procedures. • Students analyze techniques, step-by-step processes, and complications. **4. Simulation-Based Training** • Use of models to practice procedures like suturing, incision, and extraction. • Reduces the risk before working on live patients. **5. Hands-On Workshops** • Practical sessions where students practice on animal models (sheep heads), or extracted teeth. • Includes exercises like local anesthesia administration and flap design. **6. Clinical Rotations & Observerships** • Students shadow experienced surgeons in hospitals or clinics. • Provides exposure to different surgical cases and environments. **7. Objective Structured Clinical Examination(OSCE)** • Tests clinical skills, patient interaction, and surgical decision-making.

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check
The correct examination of patients with various eruption disorders and their treatment when the extent of the condition allows for management in the dental office. Attending and participating in basic therapeutic procedures during dentoalveolar surgery, including the odontectomy of impacted teeth, endodontic surgery, and pre-prosthetic surgery.

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**50 %**
- the final answer at the practical exam at laboratory	**25 %**
- periodic testing by control papers	**25 %**
- continuing testing during the semester	**0 %**
- activity like homework / reports / essay / translation / projects etc.	**0 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E:
The midterm exam is a multiple-choice test/written exam. The practical exam consists of an oral and practical assessment of the acquired knowledge, conducted in groups. E: The final exam is a multiple-choice test/written exam.

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
Minimum Requirements for a Grade of 5 (Pass) A student receiving a **5** should demonstrate **basic competence** in oral surgery with **minimal acceptable performance** in both theory and practical components. **1. Theoretical Exam (Multiple-Choice / Written)** -Correctly answers at least **50-55% of questions** in the **multiple-choice/written exam**. Demonstrates **basic understanding** of:	**Minimum Requirements for a Grade of 10(Excellent)** A student earning a **10** should demonstrate **comprehensive theoretical knowledge and high-level surgical competency**. **1. Theoretical Exam (Multiple-Choice / Written)** Correctly answers at least **90-100% of questions** in the **multiple-choice or written exam**. Demonstrates **in-depth understanding** of: • Advanced extraction techniques (surgical extractions, impacted teeth).

• Indications and contraindications for tooth extractions. • Basic principles of surgical techniques (flap design, suturing). • Perioperative and post-operative care. • Can describe, but not necessarily apply, the management of **common complications** (bleeding, dry socket, infection). **2. Practical Exam (Oral & Hands-On)** Demonstrates **basic proficiency** in: • Recognizing and handling surgical instruments correctly. • Basic suturing technique. • Identifies but may struggle to fully explain **surgical steps and rationale**. • Needs **some guidance** for correct procedural steps.	• Management of surgical complications (nerve injury, alveolar osteitis, hemorrhage). • Soft and hard tissue surgical procedures (flap design, bone preservation). • Applies **critical thinking** to case-based questions, demonstrating **problem-solving skills** in complex scenarios. **2. Practical Exam (Oral & Hands-On)** Independently performs a **surgical tooth extraction** with **minimal supervision**. Demonstrates **advanced proficiency** in: • Performing proper **flap design and atraumatic extraction techniques**. • Correctly handling surgical instruments with **full confidence**. • Achieving **optimal wound closure with proper suturing techniques**. • Explains **surgical decision-making process fluently** (when to refer, alternative treatments). • Can manage **unexpected complications** confidently and suggest solutions.

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Lecturer PhD Gioga Cherana

Laboratory holder,
Lecturer PhD Gioga Cherana

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Morphology and therapeutic aspects of deciduous dentition**					
Didactic function, name and surname of the course holder	**Lecturer PhD Iordan-Dumitru Andreea Dona**					
Didactic function, name and surname of the laboratory holder	**Lecturer PhD Iordan-Dumitru Andreea Dona**					
The discipline code	**DM 4.8.10**	The formative category of the discipline		**SD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**E**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**O**	Number of credits		**7**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**8**	Of which course hours	**2**	seminary / laboratory / clinical internship	**6**
Total hours of the curriculum	**122**	Of which course hours	**28**	seminary / laboratory / clinical internship	**84**
		Total hours per semester	**175**		**63**

Distribution of Time	**Hours**
1. Deciphering and studying course notes	**10**
2. Study after textbook, course support	10
3. Study of the indicated minimum bibliography	8
4. Additional documentation in the library	2
5. Specific training activity seminar and / or laboratory	8
6. Achievement homework, reports, essay, translations etc	5
7. Preparation of control papers	5
8. Preparation of oral presentations	3
9. Preparation of final exam	5
10. Consultations	3
11. Documentation on the field	0
12. Documentation on the Internet	1
13. Tutoriing	0
14. Examinations	3
15. Other activities	0

The name of the course	Morphology and therapeutic aspects of deciduous dentition		
Professional competences specific to the discipline	- acquirement of notions related to the development of dental pulp, dentin and enamel; - recognition of morphological particularities of the deciduous dentition in contrast to the permanent dentition; - an understanding of the physiological and pathological factors which can influence tooth eruption in deciduous and permanent dentition ; - ability to diagnose and treat incipient caries in deciduous and early permanent teeth; - knowledge of treatment methods of pulpal inflammation in deciduous and immature permanent teeth; - ability to diagnose and treat pulpal gangrene; - understanding of indications and contraindications of materials used in pediatric dentistry.		
Transversal competencies	- An immersion into pediatric dental pathology will take place, by presenting notions related to children's management, specialty terms as well as certain notions which will be used along the entirety of one's academic path and future practice of dentistry. - Knowledge of the deciduous dentition's morphology and of it's particularities useful for future diagnoses and devise of treatment plans.		
The general objective of the discipline	Acquirement of theoretical and practical skills related to clinical examination, diagnosis and treatment of child patients' ailments. - Fundamental knowledge of the deciduous and permanent dentition's morphological and structural particularities.		
The specific objective of the discipline	Understanding of the general morphological characteristic of temporary teeth. - Understanding of sequence, chronology and influencing factors in tooth eruption. - Ability to identify the main ailments of temporary and immature permanent teeth. - Understanding of the treatment methods of dental problems in child patients .		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

The content of the course – Analytical Syllabus	**No. Hours**
1. Development of dental organ – odontogenesis;	2
2. Morphology of temporary teeth – morphological particularities of the deciduous dentition in contrast to the permanent dentition	2
3. Phases of tooth eruption, physiological and pathological factors which can influence tooth eruption in deciduous and permanent dentition, mechanism of physiological tooth resorption in temporary teeth; Clinical manifestations of tooth eruption;	2
4. Etiopathogenesis of dental caries – particularities of dental caries in temporary and immature permanent teeth	2
5. Caries in the primary dentition – classification, epidemiology, diagnosis, evolution;	2
6. Treatment of incipient caries in temporary teeth – objective and principles of treatment;	2
7 Pulpal diseases of temporary teeth – particularities, diagnosis, complications	2
8. Treatment of pulpal inflammation in temporary teeth;	2
9. Pulpal gangrene in temporary teeth – clinical types, complications;	2
10. Treatment of pulpal gangrene in temporary teeth – treatment methods, techniques and materials;	2
11. Treatment of incipient caries in newly erupted permanent teeth – diagnosis, treatment sequence	2

12. Treatment of pulpal inflammation in newly erupted permanent teeth – etiology, pulpitis diagnosis;	2
13. Treatment of pulpal gangrene in immature permanent teeth – diagnosis, treatment methods;	2
14. Sedation in pediatric dentistry – legal guidelines, indications, substances, technique.	2
Seminary / Laboratory / Clinical Internship content - Analytical Syllabus	**No. Hours**
1 Patient's chart. Anamnesis, personal and maternal medical history. Establishing a correct diagnosis and treatment plan.	12
2. Extraoral and intraoral examination of the child patient. Correct filling in of the patient's chart. Establishing a correct treatment plan..	12
3. Radiology examination in pediatric practice. Dental age assessment based on radiographic examination. Establishing a diagnosis of incipient caries in temporary teeth based on radiographic examination;	12
4 Morphological assessment on study models. Dental age assessment based on dental molds analysis	12
5 Treatment of incipient caries in temporary teeth – establishing a diagnosis based on clinical characteristics, clinical application of the treatment's sequences, treatment of dental lesions in temporary teeth;	12
6 Treatment of severe caries in temporary teeth – establishing a diagnosis of pulpitis based on subjective and objective clinical signs, understanding of the treatment methods: pulp capping, pulpotomy, pulpectomy;	12
7Treatment of incipient caries in immature permanent teeth – establishing a diagnosis of of incipient caries in immature permanent teeth, treatment particularities related to the immature permanent dentition	12

Minimal bibliography

1) Goran Koch, Sven Poulsen, *Pediatric Dentistry A clinical approach,* 3nd edition, Wiley-Blackwell, 2016
2) Handbook of clinical techniques in pediatric dentistry, 2nd edition, Wiley-Blackwell, 2021
3) Handbook of pediatric dentistry – 5nd edition, Cameron A., Widmer R, Ed. Mosby, 2021
4) Pediatric Dentistry: Infancy through adolescence, 6th Edition, Arthur J, Nowak, 2018
5) Clinical Cases in Pediatric Dentistry, 2nd Edition, Amr M. Moursi, 2019

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

1. A dentist's future clinical practice does not only base itself on theoretical and practical knowledge, but also on dexterity, patience, empathy and uttermost conscientiousness, as well as the ability to comprehend a child's psychological profile.
2. A thorough understanding of the deciduous dentition's morphology, specific pathology and of the diseases which can afflict temporary and immature permanent teeth, is essential for establishing an adequate diagnosis and treatment plan which will maintain the functionality of teeth

Mode of transmission of information:

Forms of activity	**Teaching methods used**
Course	Interactive teaching programmed; video projected lecture supplement; learning through projects. Introducing and presenting notions through the use of pictures, schematics, drawings on digital platform.
Laboratory	Interactive teaching programmed; video projected lecture supplement; learning through projects. Introducing and presenting notions through the use of pictures, schematics, drawings on digital platform.

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check

- to know essential notions related to the deciduous dentition's morphology;
- dental age assessment on dental molds and x-rays;
- knowledge of the deciduous and mixed dentition pathology;
- ability to perform certain clinical procedures (prophylaxis, cavity treatments, treatment of pulpal inflammation);

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**70 %**
- the final answer at the practical exam at laboratory	**10 %**

- periodic testing by control papers	**10 %**
- continuing testing during the semester	**10 %**
- activiry like homework / reports / essay / translation / projects etc.	**0 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E:
The practical exam consists of an oral examination of the acquired knowledge, in groups. At least 3 students participate in the examination, the holder of the discipline and the holder of the practical works. The final exam consists of grid testing.

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
• passing the practical exam • passing laboratory evaluation • recovery of all absences from practical work • understanding of the essential notions related to the deciduous dentition's morphology, sequence of tooth eruption, deciduous and mixed dentition pathology, treatment notions related to dental lesions and pulpal disease which can affect the deciduous and mixed dentition	• passing the practical exam • passing laboratory evaluation • recovery of all absences from practical work • A profound and thorough understanding of the deciduous dentition's morphology, of tooth eruption chronology, the ability to identify the clinical manifestations of tooth eruption. • establishing a diagnosis based on subjective and objective clinical signs. • the use of the available different treatment techniques for dental lesions and pulpal disease which can affect the deciduous and immature permanent dentition;

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Lecturer PhD Iordan-Dumitru Andreea Dona

Laboratory holder,
Lecturer PhD Iordan-Dumitru Andreea Dona

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Management of iatrogenesis in conservative odototherapy**					
Didactic function, name and surname of the course holder	**Assoc. Prof. PhD Florescu Anamaria**					
Didactic function, name and surname of the laboratory holder	**-**					
The discipline code	**DM 4.7.12**	The formative category of the discipline		**DD**		
Academic year	**IV**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**C**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**Op**	Number of credits		**2**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**2**	Of which course hours	**2**	seminary / laboratory / clinical internship	**-**
Total hours of the curriculum	**28**	Of which course hours	**28**	seminary / laboratory / clinical internship	**-**
		Total hours per semester	**50**		

Distribution of Time	**22 hours**
1. Deciphering and studying course notes	2
2. Study after textbook, course support	6
3. Study of the indicated minimum bibliography	2
4. Additional documentation in the library	-
5. Specific training activity seminar and / or laboratory	-
6. Achievement homework, reports, essay, translations etc	-
7. Preparation of control papers	-
8. Preparation of oral presentations	2
9. Preparation of final exam	5
10. Consultations	-
11. Documentation on the field	-
12. Documentation on the Internet	5
13. Tutoriing	-
14. Examinations	-
15. Other activities	-

The name of the course	**Management of iatrogenesis in conservative odontotherapy**		
Professional competences specific to the discipline	• To be able to establish the diagnosis of dental caries. • Knowledge of the correct preparation and restoration techniques • Knowledge of the errors that can affect the integrity of teeth and periodontium • Knowledge of error correction techniques		
Transversal competencies	• Learning and correct use of medical vocabulary • Effective use of information sources and communication resources • Knowing the importance of continuing medical education in order to develop their professional capacities		
The general objective of the discipline	• Knowledge of the structure and function of dental hard tissues and periodontium • Understanding dental caries as a disease with multifactorial etiology • Knowledge of conventional and modern treatment techniques for dental caries, • Knowledge of the correct use of dental materials		
The specific objective of the discipline	• To prevent the occurrence of different errors • To be able to precisely detect the errors • To develop a treatment plan, choose the appropriate treatment method and apply it correctly.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding tooth pathology as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**
1. Iatrogenesis in Conservative Restorative Dentistry-definition, classification	2
2. Errors during tooth preparation	2
3. The management of the errors during tooth preparation	2
4. Selective caries removal protocol - between treatment option and mistake	2
5. Errors during the restoration stage	2
6. The management of the errors during restoration stage	2
7. Dental materials and their limits	2
8. Adhesive systems and their limits	2
9. Errors affecting aesthetics and their management	2
10. Shade selection	2
11. Post-operative iatrogenesis	2
12. The management of post-operative iatrogenesis	2
13. Errors that affect the integrity of the periodontium and their management	2
14. Clinical cases presentation	2
Minimal bibliography	
1. Sturdevant's Art and Science of Operative Dentistry. A. Ritter, LW Boushell, R Walter, 2019	

2. Askar H, Krois J, Göstemeyer G, Bottenberg P, Zero D, Banerjee A, Schwendicke F, Secondary caries: what is it, and how it can be controlled, detected, and managed? Clinical Oral Investigations (2020) 24:1869–1876
3. Gheorghiu I, Perlea P, Iliescu A, Onu M, Scarlatescu S, The causes of adhesive direct dental restorations failures. Romanian Journal of Stomatology, 2023, 69. 65-68. 10.37897/RJS.2023.2.1.
4. Sirajuddin S et al., Iatrogenic Damage to Periodontium by Restorative Treatment Procedures: An Overview. The Open Dentistry Journal, 2015, 9, (Suppl 1: M11) 217-222
5. Niazi, Fayez & Qamar, Zeeshan & Fatima, Tayyaba. (2015). Iatrogenic Damage to Dental Hard Tissues. 3. 128-131.

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
The discipline is in accordance with the daily practice carried out in the dental offices related to the diagnosis and treatment of caries lesions; the student is trained to recognize and treat the errors that may arise during preparation and restoration stages and also the post-operative iatrogenesis.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Interactive education; Interactive presentation of the material, using multimedia means, power point presentations, didactic videos, debates, study topics.

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**90 %**
- periodic testing by control papers	**0 %**
- continuing testing during the semester	**0 %**
- activiry like homework / reports / essay / translation / projects etc.	**10 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E: Written work (descriptive and test)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
• knowledge of the basic notions regarding structure of teeth and periodontium • knowledge of the correct preparation and restoration techniques	• in-depth knowledge of the notions regarding structure of teeth and periodontium • in-depth knowledge of the correct preparation and restoration techniques • in-depth knowledge of the prevention methods • to be able to precisely detect the errors • to be able to choose the appropriate treatment and apply it correctly.

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Assoc. Prof. PhD Florescu Anamaria

Laboratory holder,
-

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Management of adult patient fear and anxiety in the dental office**					
Didactic function, name and surname of the course holder	**Lecturer PhD Iordan-Dumitru Dona Andreea**					
Didactic function, name and surname of the laboratory holder	**-**					
The discipline code	**DM 4.7.13**	The formative category of the discipline		**DD**		
Academic year	**IV**	Semester*	**I**	Type of final evaluation (**E, V, C**)		**C**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**Op**	Number of credits		**2**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**2**	Of which course hours	**2**	seminary / laboratory / clinical internship	**-**
Total hours of the curriculum	**28**	Of which course hours	**28**	seminary / laboratory / clinical internship	**-**
		Total hours per semester	**50**		

Distribution of Time	**22 hours**
1. Deciphering and studying course notes	6
2. Study after textbook, course support	4
3. Study of the indicated minimum bibliography	2
4. Additional documentation in the library	1
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	1
7. Preparation of control papers	1
8. Preparation of oral presentations	1
9. Preparation of final exam	1
10. Consultations	1
11. Documentation on the field	1
12. Documentation on the Internet	1
13. Tutoring	0
14. Examinations	2
15. Other activities	0

The name of the course	**Management of adult patient fear and anxiety in the dental office**		
Professional competences specific to the discipline	1. Identify and assess signs of dental fear and anxiety in adult patients. 2. Apply evidence-based pharmacological and non-pharmacological techniques to manage patient anxiety. 3. Develop individualized management plans for anxious patients, incorporating behavioral, technological, and environmental strategies. 4. Communicate effectively with anxious patients to build trust and ensure cooperation during dental procedures. 5. Integrate cultural sensitivity and ethical principles into the management of dental fear and anxiety.		
Transversal competencies	1. Collaborate within interdisciplinary teams to address patient psychological needs. 2. Adapt anxiety management strategies to diverse patient populations and unique clinical scenarios. 3. Demonstrate professionalism, empathy, and ethical decision-making in patient care. 4. Engage in continuous learning and application of new methods for managing dental fear and anxiety. 5. Utilize critical thinking to solve complex cases involving highly anxious or uncooperative patients.		
The general objective of the discipline	To equip dental students with the knowledge and skills required to effectively manage adult patient fear and anxiety in the dental office, ensuring high-quality, patient-centered care.		
The specific objective of the discipline	1. Understand the psychological and physiological mechanisms underlying dental fear and anxiety. 2. Develop proficiency in using pharmacological and non-pharmacological methods to reduce anxiety. 3. Learn to recognize and address anxiety-related emergencies in dental practice. 4. Design and implement strategies to create a supportive and anxiety-reducing dental environment. 5. Foster effective communication and patient education to minimize pre-appointment anxiety.		
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**

1. **Introduction to Patient Fear and Anxiety** Definition, classification, and significance of fear and anxiety in dentistry.	2
2. **Psychological Foundations of Fear and Anxiety** Theories of fear and anxiety; common triggers in dental practice.	2
3. **Patient Communication and Trust Building** Effective communication techniques to establish trust and rapport.	2
4. **Recognizing Anxiety in Dental Patients** Behavioral, verbal, and physiological signs of anxiety.	2
5. **Pharmacological Management of Anxiety** Overview of sedation methods and anxiolytic medications.	2
6. **Behavioral Techniques for Anxiety Control (CBT)** CBT, desensitization, and relaxation techniques in dentistry.	2
7. **Technology in Anxiety Management** Virtual reality, noise-canceling devices, and teledentistry applications.	2
8. **Cultural Sensitivity in Dental Anxiety Management** Adapting strategies to meet the needs of diverse patient populations.	2
9. **Special Needs Patients and Anxiety** Managing fear in adults with disabilities or cognitive impairments.	2
10. **Ethical and Legal Considerations** Informed consent, documentation, and ethical dilemmas in anxiety management.	2
11. **Managing Acute Anxiety and Panic Attacks** Immediate interventions and referral guidelines.	2
12. **Designing an Anxiety-Free Dental Office** Environmental modifications to create a calming dental space.	2
13. **Patient Education and Pre-Appointment Preparation** Strategies for reducing pre-visit anxiety through education and planning.	2
14. **Case Studies and Practical Applications** Real-life examples and exercises to develop anxiety management skills.	2

Minimal bibliography

1. Arthur A. Weiner **- The Fearful Dental Patient: A Guide to Understanding and Managing,** Publisher Wiley-Blackwell, 2010
2. **Lecture notes 2025-2026**

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

In designing the analytical syllabus for both lectures and practical activities, the curriculum incorporates methodologies for studying patient fear and anxiety in dentistry, as used in higher education institutions both nationally and within the European Union. To align with preclinical and clinical discipline requirements, optimal correlations have been established to harmonize the educational process with EU standards and national healthcare regulations.

Emphasis is placed on the practical dimension of training, ensuring graduates are equipped with the skills necessary to manage dental anxiety effectively, fostering better patient outcomes and satisfaction. This approach reflects current trends in oral health education, addressing employer expectations for hands-on experience, critical thinking, and the ability to apply psychological and theoretical knowledge in real-world clinical scenarios.

This ensures the discipline prepares students to meet the demands of modern dental practice within national contexts and across the European Union, in alignment with the standards of professional associations and representative employers in the healthcare field.

Mode of transmission of information:

Forms of activity	**Teaching methods used**
Course	Interactive programmed teaching; multimedia projection of course materials.

For the final grade is taken into account	Total = 100%
- the answer at the exam / final evaluation	**80 %**
- periodic testing by control papers	**10 %**
- continuing testing during the semester	**10 %**
- activiry like homework / reports / essay / translation / projects etc.	**0 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E: Written work (descriptive)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
• Attendance at all lectures and clinical placements. • Participation in at least one project.	• Completion of two individual projects

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Lecturer PhD Iordan-Dumitru Dona Andreea

Laboratory holder,
-

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Oro-dental prevention: clinical-therapeutic features by age groups**					
Didactic function, name and surname of the course holder	**Prof. PhD Răescu Mihaela**					
Didactic function, name and surname of the laboratory holder	**-**					
The discipline code	**DM 4.8.14**	The formative category of the discipline		**CD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**V**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**Op**	Number of credits		**2**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**1**	Of which course hours	**1**	seminary / laboratory / clinical internship	**-**
Total hours of the curriculum	**14**	Of which course hours	**14**	seminary / laboratory / clinical internship	**-**
		Total hours per semester	**50**		

Distribution of Time	**36 hours**
1. Deciphering and studying course notes	10
2. Study after textbook, course support	10
3. Study of the indicated minimum bibliography	10
4. Additional documentation in the library	1
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	0
7. Preparation of control papers	0
8. Preparation of oral presentations	0
9. Preparation of final exam	5
10. Consultations	0
11. Documentation on the field	0
12. Documentation on the Internet	0
13. Tutoriing	0
14. Examinations	0
15. Other activities	0

The name of the course	**Oro-dental prevention: clinical-therapeutic features by age groups**		
Professional competences specific to the discipline	Analyze age-specific oral health challenges and their systemic interconnections.		
Transversal competencies	Specific knowledge. Integrate emerging technologies and materials into oro-dental prevention strategies.		
The general objective of the discipline	Formulate evidence-based, age-appropriate preventive protocols and therapeutic interventions.		
The specific objective of the discipline	Address behavioral and psychosocial factors affecting oral health in various populations. Evaluate the long-term impact of preventive strategies on public health outcomes.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding the structures of the dento-maxillary apparatus, the pathology of the teeth, jaws, and oral cavity tissues, dental and dentoalveolar abnormalities, congenital malformations, as well as diagnostic and treatment principles (prophylactic, preventive, interceptive, and curative) specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**
1. Fundamentals of Oro-Dental Prevention	1
2. Pediatric Dentistry (0–6 years)	2
3. School-Aged Children and Pre-Adolescents (7–12 years)	2
4. Adolescents (13–18 years)	2
5. Adults (19–55 years)	2
6. Geriatric Dentistry (56+ years)	2
7. Special Populations	2
8. Advances in Oro-Dental Prevention	1

Minimal bibliography

The support course of the discipline.
Lecture notes 2025
Preventive Dentistry: A comprehensive guide to oral health & well-being, S. Priyadarshi, R. Srivastava, 2024
Oxford Handbook of clinical Dentistry by Bethany Rushworth and Anastasios Kanatas, 2020
Comprehensive Preventive Dentistry, Hardy Limeback, 2012

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health

Combining teaching methods with practic examples in order to achieve knowledge and skills according to national and international standards

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Interactive program,multimedia,practical examples

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**100 %**
- periodic testing by control papers	**0 %**

- continuing testing during the semester	**0 %**
- activity like homework / reports / essay / translation / projects etc.	**0 %**
- other activity	**0 %**

Describe the practical ways of final assessment, E:
Practical Individual Exam, Scientific Report, Descriptive Written Work **, E:** Written work (descriptive and test)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
Correct answers to elementary questions	Correct answers to all questions Correct analysis of a practical case

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Prof. PhD Răescu Mihaela

Laboratory holder,
-

Date of approval in the Department
17.09.2025

„TITU MAIORESCU" UNIVERSITY OF BUCHAREST
ACADEMIC YEAR 2025-2026

THE DISCIPLINE FILE

Faculty	**DENTAL MEDICINE**
Department	**THE DEPARTMENT OF SPECIALIZED DENTAL MEDICINE DISCIPLINES**
Domain of study	**HEALTH**
Study cycle	**LICENCE STUDIES**
Study program	**Dental Medicine**

Discipline name	**Colour selection in dentistry**					
Didactic function, name and surname of the course holder	**Prof. PhD Bechir Anamaria**					
Didactic function, name and surname of the laboratory holder	**-**					
The discipline code	**DM 4.8.15**	The formative category of the discipline		**CD**		
Academic year	**IV**	Semester*	**II**	Type of final evaluation (**E, V, C**)		**V**
The discipline regime (O-obligatory, Op-optional, F-facultative)			**Op**	Number of credits		**2**

* *If the discipline has more semesters of studies, it will be fulfil a file for each semester*

Number of hours per week	**1**	Of which course hours	**1**	seminary / laboratory / clinical internship	**-**
Total hours of the curriculum	**14**	Of which course hours	**14**	seminary / laboratory / clinical internship	**-**
		Total hours per semester	**14**		

Distribution of Time	**36 hours**
1. Deciphering and studying course notes	5
2. Study after textbook, course support	4
3. Study of the indicated minimum bibliography	4
4. Additional documentation in the library	3
5. Specific training activity seminar and / or laboratory	0
6. Achievement homework, reports, essay, translations etc	2
7. Preparation of control papers	1
8. Preparation of oral presentations	1
9. Preparation of final exam	4
10. Consultations	2
11. Documentation on the field	2
12. Documentation on the Internet	2
13. Tutoriing	1
14. Examinations	4
15. Other activities	1

The name of the course	**Color selection in dentistry**		
Professional competences specific to the discipline	Establishing aesthetic criteria in color selection in dentistry.		
Transversal competencies	Knowledge related with adequate colors selection in dento-facial area, with the aim of eliminating early and/or late failures and dysfunctions of these area. Integration of the selection of colors in the dento-facial area in interdisciplinary treatment plans.		
The general objective of the discipline	Realization of adequate aesthetic restorations with suitable shades of color for patients.		
The specific objective of the discipline	Evaluation of risk factors in the selection of dental restorations shade of colors.		
Learning Outcomes	**Knowledge**	**Skills**	**Responsibility and autonomy**
	The student/graduate accumulates, describes, analyzes, and evaluates specialized knowledge regarding dental pathology, as well as diagnostic and curative treatment principles specific to dentistry, using classical or digital methods/techniques.	The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure the professional competencies (knowledge, skills, and abilities) specific to the profession of dentist.	The student/graduate integrates and applies specialty competencies necessary for prevention, diagnosis, and treatment activities regarding abnormalities and diseases of the teeth, jaws, and related tissues. Assesses, analyzes, differentiates, estimates, interprets, and uses the accumulated information, knowledge, skills, and responsibilities to obtain the competencies necessary for practicing the profession of dentist.

The content of the course – Analytical Syllabus	**No. hours**
1. Anatomical considerations of the aesthetic area of face	1
2. Color and shade: Introduction	1
3. Color and shade: Relevance of color selection in esthetic dentistry	1
4. History of clinical development and evolution of the color selection procedures	1
5. Color Science, Color Selection, Color Evaluation	1
6. Importance of Color Matching (1)	1
7. Importance of Color Matching (2)	1
8. Shade-Matching Techniques (1)	1
9. Shade-Matching Techniques (2)	1
10. Problems Inherent to Matching the Shades of Teeth	1
11. Dental Photography as a Key to Clinical Success	1
12. Biomimetics of the Natural Tooth Using Composites	1
13. The risk factors for the realization of incorrect color shades of restorations of the aesthetic area	1
14. Communication with lab	1

Minimal bibliography

1. Lecture notes
2. Oliveira D., Color Science and Shade Selection in Operative Dentistry: Essential Elements for Clinical Success, Springer, 1st ed., 2022
3. Chu SJ, Devigus A, Paravina R, Mieleszko A. Fundamentals of Color: Shade Matching and Communication in Esthetic Dentistry, Second Edition, Quintessence Publishing Co, Inc 2019
4. Dooren E, Cofar F. Interdisciplinary Esthetic Dentistry,Quintessence Publishing,2024

Facultative bibliography

1. Rahane Shripriya, **Esthetic Dentistry,** LAP LAMBERT academic publishing, 2022
2. Cortes ARG, Digital Dentistry: A Step–by–Step Guide and Case Atlas, Wiley, 2022
3. Whiteman Y, Wagner D. The Journey To Excellence in Esthetic Dentistry, An Issue of Dental Clinics of North America, 1st Edition, Elsevier, 2020
4. Inusayri MO, Sghaireen MG, Mathew M, Alzarea B, Bandela V. Shade Selection in Esthetic Dentistry: A Review. Cureus. 2022 Mar 20;14(3):e23331. doi: 10.7759/cureus.23331

Corroborating the contents of the discipline with the expectations of representatives of the epistemic community, professional associations and representative employers in the field of Health
Scientific manifestations and meetings with representatives of the epistemic community, professional associations, and representative employers are organized, and the way in which the graduates meet the expectations of the representatives is appreciated, then the contents of the discipline are adjusted to satisfy these expectations.

Mode of transmission of information:	
Forms of activity	**Teaching methods used**
Course	Keynote presentation, examples

For the final grade is taken into account	**Total = 100%**
- the answer at the exam / final evaluation	**80 %**
- periodic testing by control papers	**0 %**
- continuing testing during the semester	**10 %**
- activiry like homework / reports / essay / translation / projects etc.	**10 %**
- other sctivity	**0 %**

Describe the practical ways of final assessment, E: Written work (descriptive and test)

Minimum requirements for 5 grade (Or how to assign 5 grade)	**Minimum requirements for 10 grade** (Or how to assign 10 grade)
• elementary knowledge • answers without serious errors • attendance at classes • minimal reading of the bibliography	• in-depth knowledge • complete reading of the bibliography • interdisciplinary approach to aesthetic problems • correct answers to all questions

Date of completion
12.09.2025

Director of the Department,
Prof. PhD Comăneanu Raluca Monica

Course holder,
Prof. PhD Bechir Anamaria

Laboratory holder,
-

Date of approval in the Department
17.09.2025