



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Oral and community health</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Hancu Violeta</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Hancu Violeta, Assist. Prof. PhD Lescai Ioana Mădălina</b>				
The discipline code	<b>DM 6.11.1</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>I</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>6</b>

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

Number of hours per week	<b>6</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>4</b>
Total hours of the curriculum	<b>84</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>56</b>
		Total hours per semester	<b>150</b>		
<b>Distribution of Time</b>					<b>66 hours</b>
1. Deciphering and studying course notes					6
2. Study after textbook, course support					10
3. Study of the indicated minimum bibliography					10
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					0
8. Preparation of oral presentations					0
9. Preparation of final exam					10
10. Consultations					5
11. Documentation on the field					10
12. Documentation on the Internet					5

13. Tutoring	0
14. Examinations	0
15. Other activities	0

The name of the course	Oral and community health
<b>Professional competences specific to the discipline</b>	<p>Upon completion of the course and laboratory sessions, students will be able to:</p> <ul style="list-style-type: none"> <li>• Demonstrate knowledge of methods for promoting oral health at individual and community levels, including health education and prevention strategies.</li> <li>• Evaluate the oral health needs of populations using epidemiological methods, dental indices, and biostatistical tools.</li> <li>• Establish effective dentist-patient relationships, emphasizing communication and patient-centered care.</li> <li>• Design and implement evidence-based oral health care plans, focusing on preventive and therapeutic approaches tailored to individual and population needs.</li> <li>• Analyze the role of societal and systemic factors in shaping oral health outcomes and healthcare delivery.</li> <li>• Collaborate within multidisciplinary teams to address complex oral health challenges in diverse community settings.</li> </ul>
<b>Transversal competencies</b>	<p>Throughout this discipline, students will:</p> <ul style="list-style-type: none"> <li>• Acquire foundational knowledge in oral health, with a focus on understanding the determinants and contributing factors to oral diseases.</li> <li>• Develop the ability to evaluate risk factors, diagnostic errors, and the progression of diseases affecting the dentomaxillary apparatus.</li> <li>• Quantify oral health status through the use of indices and epidemiological measurements.</li> <li>• Enhance critical thinking and teamwork skills by participating in group activities and community-based research projects.</li> <li>• Build ethical reasoning and cultural competence in addressing disparities in oral health and resource allocation.</li> <li>• Foster lifelong learning by integrating current research, innovative digital tools, and sustainable practices into dental public health initiatives.</li> </ul>
<b>The general objective of the discipline</b>	<p>The discipline aims to provide students with foundational knowledge and practical skills in oral health promotion and the quantification of oral health status. By integrating public health principles with clinical applications, students will be equipped to evaluate, plan, and implement strategies that address oral health challenges at individual and community levels.</p>
<b>The specific objective of the discipline</b>	<p>The specific objectives are to:</p> <ul style="list-style-type: none"> <li>• Promote oral health by understanding and applying preventive strategies and health promotion methods.</li> <li>• Assess and address the oral health needs of individuals and populations, using epidemiological tools and biostatistics.</li> <li>• Establish the role of societal, economic, and cultural factors in shaping oral health outcomes and care delivery.</li> <li>• Plan and implement individualized dental care strategies based on clinical evaluation and patient-centered priorities.</li> <li>• Develop skills for evaluating and managing community-based oral health programs, including their planning, implementation, and sustainability.</li> <li>• Integrate ethical considerations and multidisciplinary collaboration into the planning and execution of oral health interventions.</li> </ul>

Learning Outcomes	Knowledge	Skills	Responsibility and autonomy
	The student/graduate identifies and properly assesses/analyzes the influence of the natural and social environment on the health status of the human organism, with particularities for dentistry/dental medicine.	The student/graduate identifies, evaluates, and interprets social, cultural, and environmental factors that contribute to maintaining health or to the development of diseases.	The student/graduate plans, integrates, and organizes interventions to improve health status; manages prevention programs and assumes responsibility for implementing health promotion measures in the community. Informs, explains, and educates patients regarding the etiology and prevention of oro-maxillo-facial disorders.

The content of the course – Analytical Syllabus	No. hours
1. <b>Introduction to Community Oral Health</b> • Definition, objectives, and foundational principles of public health and dental public health.	2
2. <b>Common Oral Diseases and Their Community Health Significance</b> • Dental caries, periodontal disease, oral cancer, and developmental anomalies.	2
3. <b>Objectives and Tools in Oral Community Health</b> • Health policy, research implementation, oral health promotion, and biostatistical applications.	2
4. <b>Levels of Preventive Dentistry</b> • Primary, secondary, and tertiary prevention with specific interventions like fluoridation and fissure sealants.	2
5. <b>Planning Individual Dental Care</b> • Comprehensive medical and dental history, clinical examination, diagnosis, and treatment planning.	2
6. <b>Multidisciplinary Approach in Dental Practice</b> • Roles of general dentists, specialists, laboratory technicians, and dental assistants.	2
7. <b>Community-Based Oral Health Planning</b> • Steps in planning, conducting surveys, setting priorities, and evaluating community programs.	2
8. <b>Epidemiology in Community Dentistry</b> • Definitions, objectives, methods, and basic measurements like prevalence and incidence.	2
9. <b>Epidemiological Study Designs in Dentistry</b> • Observational (descriptive, analytical) and experimental study types, including RCTs and field trials.	2
10. <b>Dental Indices for Assessing Oral Health</b> • DMFT, CPITN, PLI, and other tools to measure caries, periodontal health, and plaque.	2
11. <b>Etiology and Pathogenesis of Dental Caries</b> • Host factors, microbial agents, dietary influences, and the dynamic process of demineralization.	2
12. <b>Etiology and Pathogenesis of Periodontal Diseases</b> • Role of plaque biofilm, local and systemic risk factors, and inflammatory response mechanisms.	2
13. <b>Assessment Tools for Periodontal Diseases</b> • Indices like CPITN, Gingival Index, and Periodontal Disease Index, with scoring criteria and applications.	2
14. <b>Evaluation of Dental Health Programs and Community Surveys</b> • Data collection, program design, resource management, and methods for program evaluation.	2
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>
1. <b>Health Promotion Campaigns in Dentistry</b> • Design and critique of oral health promotion campaigns targeting diverse populations, focusing	4

on effective communication strategies and cultural sensitivity.	
<b>2. Behavioral Determinants of Oral Health</b> <ul style="list-style-type: none"> <li>Exploring the psychological and social factors influencing oral health behaviors, such as adherence to preventive measures and health literacy.</li> </ul>	4
<b>3. Screening Programs for Oral Diseases</b> <ul style="list-style-type: none"> <li>Planning and evaluating community-based screening programs for caries, periodontal disease, and oral cancer, with a focus on risk group identification.</li> </ul>	4
<b>4. Cost-Effectiveness in Preventive Dentistry</b> <ul style="list-style-type: none"> <li>Analyzing the economic benefits of preventive measures like community water fluoridation and fissure sealants compared to restorative treatments.</li> </ul>	4
<b>5. Digital Tools in Community Oral Health</b> <ul style="list-style-type: none"> <li>Exploration of modern technologies such as mobile health (mHealth) applications, tele-dentistry, and AI in improving access to dental care in underserved areas.</li> </ul>	4
<b>6. Nutrition and Oral Health</b> <ul style="list-style-type: none"> <li>Investigating the role of diet and nutrition in preventing dental caries and periodontal diseases, with a focus on public health interventions.</li> </ul>	4
<b>7. Oral Health and Systemic Diseases</b> <ul style="list-style-type: none"> <li>Understanding the bidirectional relationship between oral health and systemic conditions such as diabetes, cardiovascular diseases, and pregnancy-related outcomes.</li> </ul>	4
<b>8. Disparities in Access to Oral Healthcare</b> <ul style="list-style-type: none"> <li>Identifying barriers to care in different populations and discussing solutions to address inequities in oral health services.</li> </ul>	4
<b>9. Critical Analysis of Epidemiological Research</b> <ul style="list-style-type: none"> <li>Review and critique of published epidemiological studies, focusing on methodology, bias, and implications for oral community health.</li> </ul>	4
<b>10. Developing Oral Health Education Programs</b> <ul style="list-style-type: none"> <li>Creating and delivering educational sessions for specific populations (e.g., schoolchildren, elderly), including materials, delivery methods, and evaluation techniques.</li> </ul>	4
<b>11. Sustainability in Oral Community Programs</b> <ul style="list-style-type: none"> <li>Exploring environmentally sustainable practices in community dentistry, such as minimizing waste in mobile clinics or promoting eco-friendly materials.</li> </ul>	4
<b>12. Global Oral Health Trends and Challenges</b> <ul style="list-style-type: none"> <li>Comparative analysis of oral health policies and programs in different countries, focusing on successful initiatives and areas for improvement.</li> </ul>	4
<b>13. Community-Based Research in Oral Health</b> <ul style="list-style-type: none"> <li>Designing a small-scale research project to assess oral health needs or intervention outcomes in a local community, using epidemiological tools and indices.</li> </ul>	4
<b>14. Ethics in Community Oral Health Interventions</b> <ul style="list-style-type: none"> <li>Discussing ethical dilemmas in program planning, such as prioritizing resources, obtaining informed consent in low-literacy populations, and balancing individual vs. community benefits.</li> </ul>	4
<b>Minimal bibliography</b>	
1. Levine Ronnie, Stillman-Lowe Cathy - The Scientific Basis of Oral Health Education, Springer International Publishing, 2019 2. Chapman Alison - Basic Guide to Oral Health Education and Promotion, Wiley Blackwell, 2021 3. Lecture 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**

In designing the analytical syllabus for both lectures and practical activities, the curriculum integrates methodologies for

studying oral health used in higher education institutions both nationally and within the European Union. To align with preclinical discipline requirements, optimal correlations have been established to harmonize the educational process. Emphasis is placed on the practical dimension of training, ensuring graduates are better prepared for workforce integration. This approach reflects current trends in oral health education, addressing employer expectations for hands-on experience, critical thinking, and the ability to apply theoretical knowledge in real-world scenarios.

Mode of transmission of information:	
Forms of activity	Teaching methods used
Course	<ul style="list-style-type: none"> <li>• Multimedia presentations based on the analytical syllabus are used to enhance understanding of theoretical concepts.</li> <li>• Interactive teaching methods, including programmed learning sessions, are incorporated to encourage active student participation.</li> <li>• Case discussions and problem-solving exercises facilitate the practical application of theoretical knowledge.</li> </ul>
Laboratory	<ul style="list-style-type: none"> <li>• Designing and analyzing projects and statistical studies on population groups, emphasizing public health trends and data interpretation.</li> <li>• Group-based practical activities for planning and evaluating oral health campaigns, applying epidemiological tools, and using dental indices.</li> <li>• Integration of clinical scenarios to develop skills in patient assessment, treatment planning, and prevention strategies.</li> <li>• Focus on collaborative and interdisciplinary approaches to simulate real-world oral community health interventions.</li> </ul>

Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check
<ul style="list-style-type: none"> <li>• <b>Active participation</b> in laboratory or seminar activities, with consistent engagement in group projects and statistical analysis exercises.</li> <li>• <b>Adequate mastery of essential skills</b>, including oral health data collection, application of preventive strategies, and interpretation of population health trends.</li> <li>• <b>Complete all practical assignments</b>, including data collection exercises, dental index application, and group projects, at an acceptable level of quality.</li> <li>• <b>Submit a final project or case study</b> based on topics selected from the course syllabus, demonstrating the ability to integrate theoretical knowledge with practical application, and ensuring it meets the criteria of clarity, accuracy, and relevance to the course objectives.</li> </ul>

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 %
- activity like homework / reports / essay / translation / projects etc.	0 %
- other activity	0 %

Describe the practical ways of final assessment, E: Practical Individual Exam, Descriptive Written Work	
Minimum requirements for 5 grade (Or how to assign 5 grade)	Minimum requirements for 10 grade (Or how to assign 10 grade)
<ul style="list-style-type: none"> <li>• Attendance at all lectures and clinical placements.</li> <li>• Participation in at least one project.</li> </ul>	<ul style="list-style-type: none"> <li>• Completion of two individual projects.</li> </ul>

Date of completion

**12.09.2025**

Course holder,  
**Assoc. Prof. PhD Hancu Violeta**

Date of approval in the Department  
**17.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Laboratory holder,  
**Assoc. Prof. PhD Hancu Violeta**

**Assist. Prof. PhD Lescai Ioana Mădălina**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
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## THE DISCIPLINE FILE

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

Discipline name	<b>Periodontics II</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Voinea-Georgescu Ruxandra Nicolette</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Voinea-Georgescu Ruxandra Nicolette, Assoc. Prof. PhD Mihai Laurența Lelia</b>				
The discipline code	<b>DM 6.11.2</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>I</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>5</b>

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

Number of hours per week	<b>5</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>3</b>
Total hours of the curriculum	<b>70</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>42</b>
		Total hours per semester	<b>125</b>		
<b>Distribution of Time</b>					<b>55 hours</b>
1. Deciphering and studying course notes					10
2. Study after textbook, course support					10
3. Study of the indicated minimum bibliography					6
4. Additional documentation in the library					4
5. Specific training activity seminar and / or laboratory					4
6. Achievement homework, reports, essay, translations etc					3
7. Preparation of control papers					2
8. Preparation of oral presentations					5
9. Preparation of final exam					1
10. Consultations					2
11. Documentation on the field					2

12. Documentation on the Internet	3
13. Tutoring	1
14. Examinations	1
15. Other activities	1

<b>The name of the course</b>	<b>Periodontics II</b>		
<b>Professional competences specific to the discipline</b>	Students' knowledge of scaling techniques, professional brushing, periodontal surgery as well as identifying the stage of periodontal disease.		
<b>Transversal competencies</b>	Identification of the objectives to be achieved, the available resources, the conditions for their completion, work stages, working times. Identifying roles and responsibilities in a multidisciplinary team and applying communication techniques within the team. Effective use of communication and professional training resources.		
<b>The general objective of the discipline</b>	Acquiring clinical knowledge regarding the diagnosis of gingivitis and periodontitis as well as differential diagnosis.		
<b>The specific objective of the discipline</b>	At the end of the course, students will be able to: To establish a proper diagnosis; Perform manual and ultrasonic scaling; To carry out occlusal balancing treatment and initial therapy.		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1. PERIODONTAL DISEASES CLASSIFICATION	2
2. Dental Biofilm-Induce Gingival diseases modified by systemic factors	2
3. Dental Biofilm-Induce Gingival diseases modified by medications and malnutrition	2
4. Non-Plaque-Induced Gingival Lesions	2
5. Periodontitis	2
6. Necrotizing Periodontal Diseases	2
7. Periodontitis as a Manifestation of Systemic diseases	2
8. Endodontic Periodontal Lesions. Mucogingival Deformities and Conditions	2
9. Traumatic Occlusal Forces. Tooth and prosthesis Related Factors	2



10 .Evolution, prognosis and complications of periodontal disease	2
11.Treatment of Gingival disease	2
12. Guideline Periodontal treatment	2
13.Prophylaxis and antimicrobial treatment	2
14.Surgical treatment of periodontal disease	2
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>
1.Anesthesia in periodontal practice	3
2.Periodontal treatment procedures	3
3 Adjuvant techniques in initial therapy	3
4. Presentation of the specific instrumentation - initial therapy	3
5. Procedures in periodontal treatment	3
6. Occlusal balancing treatment	3
7.Temporary immobilization of mobility teeth	3
8. Prosthodontic treatment - grinding of periodontic teeth	3
9. Rootplaning technique	3
10. Gingivectomy and ostectomy	3
11. Flaps design	3
12 Mucogingival plastic surgery	3
13 Orthodontic treatment	3
14.Recap	3
<b>Minimal bibliography</b>	
1. Newman and Carranza's Clinical Periodontology, 13th edition, 2018	
2. Newman and Carranza's Clinical Periodontology and Implantology, 14th edition, 2023	

<b>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</b>

<b>Mode of transmission of information:</b>	
<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Oral presentation + multimedia, interactive discussions
Laboratory	Oral presentation + interactive discussions

<b>Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check</b>
- Identifying the stage of periodontal disease, clinical case presentation, ultrasound scaling and root planing technique

<b>For the final grade is taken into account</b>	<b>Total = 100%</b>
- the answer at the exam / final evaluation	<b>100 %</b>
- the final answer at the practical exam at laboratory	<b>0 %</b>
- periodic testing by control papers	<b>0 %</b>
- continuing testing during the semester	<b>0 %</b>
- activity like homework / reports / essay / translation / projects etc.	<b>0 %</b>
- other activity	<b>0 %</b>
<b>Describe the practical ways of final assessment, E:</b>	
Practical Individual Exam, Descriptive Written Work	

<b>Minimum requirements for 5 grade</b> (Or how to assign 5 grade)	<b>Minimum requirements for 10 grade</b> (Or how to assign 10 grade)
Passing the practical exam, 50% of the maximum score	Passing the practical exam, 100% of the maximum score (4 Corect Answer)

Date of completion  
**12.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Course holder,  
**Assoc. Prof. PhD Voinea-Georgescu  
Ruxandra Nicolette**

Laboratory holder,  
**Assoc. Prof. PhD Voinea-Georgescu  
Ruxandra Nicolette**

Date of approval in the Department  
**17.09.2025**

**Assoc. Prof. PhD Mihai Laurența Lelia**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Orthodontics and Dento-Facial Orthopedics II</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Mariș Marius</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Mariș Marius, Assist. Prof. PhD Zalana Alexandru Ștefan</b>				
The discipline code	<b>DM 6.11.3</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>I</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)				<b>O</b>	Number of credits
					<b>6</b>

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

Number of hours per week	<b>6</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>4</b>
Total hours of the curriculum	<b>84</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>56</b>
		Total hours per semester	<b>150</b>		
<b>Distribution of Time</b>					<b>66 hours</b>
1. Deciphering and studying course notes					10
2. Study after textbook, course support					6
3. Study of the indicated minimum bibliography					10
4. Additional documentation in the library					2
5. Specific training activity seminar and / or laboratory					10
6. Achievement homework, reports, essay, translations etc					4
7. Preparation of control papers					4
8. Preparation of oral presentations					4
9. Preparation of final exam					4
10. Consultations					4
11. Documentation on the field					0

12. Documentation on the Internet	4
13. Tutoring	0
14. Examinations	4
15. Other activities	0

<b>The name of the course</b>	<b>Orthodontics and Dento-Facial Orthopedics II</b>		
<b>Professional competences specific to the discipline</b>	<ul style="list-style-type: none"> <li>-Complex diagnosis , functional and morphological</li> <li>-complex treatment planning true clinical examination study models, and preclinical exams</li> <li>-orthodontic chart presentation with the appliances design</li> <li>-knowing how an appliance works and when to indicate orthodontic treatment</li> <li>-knowing the stages of maxillofacial system growing</li> <li>-miogymnastics exercises, selective grading</li> </ul>		
<b>Transversal competencies</b>	<ul style="list-style-type: none"> <li>-multidisciplinary team work</li> <li>-techniques for the team and patient family</li> <li>-efficient using of informations in case of paperwork presentations</li> <li>-orthodontic screenings</li> <li>-comprehensive identifications of severe anomalies</li> </ul>		
<b>The general objective of the discipline</b>	Complex diagnosis treatment planning		
<b>The specific objective of the discipline</b>	<ul style="list-style-type: none"> <li>-Optimum treatment timing</li> <li>-Complex treatment management depending of the age, general health status, regarding the anomaly</li> </ul>		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1 Terminology in Orthodontics	2
2 Diagnosis in Orthodontics . Angle classification of anomalies	2
3 Class II overjet , class II Angle (AP anomalies)	2
4 Class II overjet , class II Angle (AP anomalies)	2
5 Class II overjet , class II Angle (AP anomalies)	2
6 Vertical anomalies. Deep bite syndrome	2
7 Open bite syndrome	2

8 Open bite sindrom.Etiopathogeny	2
9 Dental anomalies misling teth, suparnumerary teeth	2
10 Impacted teeth, dental ectopy, dental entropy,traspozition,	2
11 Congenital malformation orthodontics therapy	2
12 Prosthetic orthodontics therapies	2
13 Soft tissue surgery techniques in orthodontics	2
14 Paraclinique examinations in orthodontics	2
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>
1 Clinical examination in orthodontics	4
2 Photography examination in orthodontics	4
3 Panoramic xray and chepalometrics in orthodontics	4
4 Treatment principles, appliances classification, orthodontics forces, characteritics, movement types	4
5 Orthodontic treatment timing , preventive and curative	4
6 Orthodontic appliances classification, components	4
7 Removable appliances (BASE)	4
8 Removable appliances (springs)	4
9 Removable appliances (labial bow)	4
10 Fixed appliances	4
11 Profilactic orthodontics	4
12 Case presentation	4
13 Case presentation	4
14 Practical Examination	4

#### **Minimal bibliography**

- 1.Temporary Anchorage Devices in Clinical Orthodontics, Jae Hyun Park DMD, MSD, MS, PhD, 21 February 2020 ISBN:9781119513476, © 2020 John Wiley & Sons, Inc.
2. Principles and Biomechanics of Aligner Treatment, 1st Edition, Authors : Ravindra Nanda & Tommaso Castroflorio & Francesco Garino & Kenji Ojima, Date of Publication: 12/2021
- 3.Orthodontics: Current Principles And Techniques (4Th Edition) Graber, 2022
- 4.Contemporary Orthodontics William R. Proffit , Fields , Henry W. , Jr. , Brent Larson,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**

#### **Mode of transmission of information:**

<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Laptop, video projector, multimedia presentation, keynote with iconography, interactive course, questions answering
Laboratory	The instrumentarium and orthodontics techniques will be presented, cast studies,interactive seminaries, case presentations, orthodontics projects

**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 orthodontic terminology, diagnosis, anomalies classification, the nature of anomalies;
- Not more than 20% missing classes

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	25 %
- periodic testing by control papers	5 %
- continuing testing during the semester	5 %
- activity like homework / reports / essay / translation / projects etc.	5 %
- other activity	0 %
<b>Describe the practical ways of final assessment, E:</b> The practical exam will examine the knowledge acquired by each student. There will be a minimum of 3 students present, the discipline holder and the discipline lecturer. Final exam will be written quiz.	
Minimum requirements for 5 grade (Or how to assign 5 grade)	Minimum requirements for 10 grade (Or how to assign 10 grade)
<b>Theoretical Understanding:</b> <ul style="list-style-type: none"> <li>• Comprehensive knowledge of orthodontic principles, including craniofacial growth, occlusion, and biomechanics.</li> <li>• Familiarity with various orthodontic appliances and their indications.</li> </ul>	<b>Comprehensive Treatment Planning:</b> <ul style="list-style-type: none"> <li>• Ability to conduct thorough patient assessments, including cephalometric and panoramic analysis.</li> <li>• Development of individualized treatment plans based on clinical findings and patient needs.</li> </ul>

Date of completion  
**12.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Course holder,  
**Assoc. Prof. PhD Mariș Marius**

Laboratory holder,  
**Assoc. Prof. PhD Mariș Marius**

Date of approval in the Department  
**17.09.2025**

**Assist. Prof. PhD Zalana Alexandru Ștefan**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Aesthetics in Dental Medicine</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Pătroi Dan Nicolae</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Pătroi Dan Nicolae, Assist. Prof. PhD Stoian-Albulescu Mirel, Assist. Prof. PhD Mihali Teodora</b>				
The discipline code	<b>DM 6.11.4</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>I</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>6</b>
* If the discipline has more semesters of studies, it will be fulfilled a file for each semester					

Number of hours per week	<b>6</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>4</b>
Total hours of the curriculum	<b>84</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>56</b>

	Total hours per semester	150		
<b>Distribution of Time</b>				<b>66 hours</b>
1. Deciphering and studying course notes				6
2. Study after textbook, course support				10
3. Study of the indicated minimum bibliography				8
4. Additional documentation in the library				10
5. Specific training activity seminar and / or laboratory				8
6. Achievement homework, reports, essay, translations etc				6
7. Preparation of control papers				2
8. Preparation of oral presentations				2
9. Preparation of final exam				10
10. Consultations				2
11. Documentation on the field				0
12. Documentation on the Internet				0
13. Tutoring				2
14. Examinations				2
15. Other activities				0

<b>The name of the course</b>	<b>Aesthetics in Dental Medicine</b>
<b>Professional competences specific to the discipline</b>	Acquiring the theoretical and practical knowledge of aesthetics in dental medicine. Knowing the principles of aesthetics 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.
<b>Transversal competencies</b>	Knowledge of the principles of treatment regarding the aesthetics in dental medicine.
<b>The general objective of the discipline</b>	Knowledge of the aesthetic principles according to the needs of each patient. Learning the methods of complete oral dental aesthetics. Knowing and mastering the factors of the aesthetics in dental medicine.



<b>The specific objective of the discipline</b>	Knowledge and integration of dental aesthetic objectives in the patient's general pathology. Formulation of a complete and complex diagnosis for each clinical case.		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1 Aesthetics in dental medicine	2
2 Principles of facial aesthetics	2
3 Anatomical guide lines in dental aesthetics	2
4 Face bow and articulators. Wax up.	2
5 Dental morphology in the field of aesthetics	2
6 Analog smile design	2
7 Digital smile design and intraoral scanning	2
8 Functional principles in accordance with dental aesthetics	2
9 Methods of registration and communicating the teeth shade	2
10 Dental materials used in restoring the aesthetics	2
11 Pink and white aesthetics	2
12 Types of direct restorations used in dental aesthetics	2
13 Types of single or multiple tooth restorations used in dental aesthetics	2

14 Types of implant supported restorations used in dental aesthetics	2
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>
1 Clinical examination of the aesthetic patient	
2 Dental aesthetic chart	
3 Photo and video documentation of the patient	
4 Intra oral scanning and VDO registration	
5 Aesthetic dental treatment planning	
6 Face bow registration and individual articulator mounting	
7 Direct and indirect mock up	
8 Functional smile desing	
9 Teeth shade registration. Shade guide.	
10 Veneer and crown preparations	
11 Analog and digital dental abutments impressions	
12 Analog and digital implant supported restorations impressions	
13 Temporaries in dental aesthetics	
14 Adhesive cementation	
<b>Minimal bibliography</b>	
1 Mauro Fradeani Esthetic Rehabilitation in Fixed Prosthodontics Quintessence Publishing 2004 2 Kenneth W. Aschheim Esthetic Dentistry: A Clinical Approach Elsevier 2014 3 Abdelsalam Elaskary Fundamentals of Esthetic Implant Dentistry Wiley-Blackwell 2008 4 Nairn H. F. Wilson Principles and Practice of Esthetic Dentistry Elsevier 2014 5 Ronald E. Goldstein Ronald E. Goldstein's Esthetics in Dentistry Wiley-Blackwell 2018 6 Trushkowsky R.D. - Esthetic Oral Rehabilitation with Veneers, Springer Berlin, 2020 7 Masry R, Driscoll C.F. - Clinical applications of dental digital technology, Wiley-Blackwell 2023 8 Keith G. - Clinical applications of dental materials, American Medical Publisher, 2023 9 Shripriya R. - Esthetic Dentistry, Lambert Academic Publishing, 2022 10 Patroi D. - Lecture 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**

Correctly assessing patients who may benefit from dental aesthetics 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 dental aesthetics
- 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 dental aesthetic 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 %
- activity like homework / reports / essay / translation / projects etc.	10 %
- other activity	0 %
<b>Describe the practical ways of final assessment, E:</b> 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 dental aesthetics	- in-depth knowledge of the concepts of dental esthetics

Date of completion

**12.09.2025**

Director of the Department,

**Prof. PhD Comăneanu Raluca Monica**

Course holder,

**Assoc. Prof. PhD Pătroi Dan Nicolae**

Date of approval in the Department

**17.09.2025**

Laboratory holder,

**Assoc. Prof. PhD Pătroi Dan Nicolae**

**Assist. Prof. PhD Stoian-Albulescu Mirel**

**Assist. Prof. PhD Mihali Teodora**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Implantology</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Burcea Alexandru</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Burcea Alexandru, Assist. Prof. Drd. Di Francesco Paolo</b>				
The discipline code	<b>DM 6.11.5</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>I</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>3</b>

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

Number of hours per week	<b>4</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>2</b>
Total hours of the curriculum	<b>56</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>28</b>
		Total hours per semester	<b>75</b>		
<b>Distribution of Time</b>					<b>19 hours</b>
1. Deciphering and studying course notes					<b>5</b>
2. Study after textbook, course support					<b>5</b>
3. Study of the indicated minimum bibliography					<b>3</b>
4. Additional documentation in the library					<b>2</b>
5. Specific training activity seminar and / or laboratory					<b>2</b>
6. Achievement homework, reports, essay, translations etc					<b>0</b>
7. Preparation of control papers					<b>0</b>
8. Preparation of oral presentations					<b>0</b>
9. Preparation of final exam					<b>2</b>
10. Consultations					<b>0</b>
11. Documentation on the field					<b>0</b>

12. Documentation on the Internet	0
13. Tutoring	0
14. Examinations	0
15. Other activities	0

The name of the course	Implantology		
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 dental implants 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 competencies	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 dental implants and techniques in the dental office		
The specific objective of the discipline	Acquiring surgical techniques for inserting dental implants. Familiarization of students with dental implants and surgical instruments. Theoretical acquisition of inserting techniques for different types of dental implants. Management of accidents and complications of dental implants.		
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. Definitions. Historic. Evolution in implantology	2
2. Biomaterials used in implantology	2
3. Osseointegration in implantology	2
4. Indications, contraindications in implantology	2
5. Examination of the patient for the application of dental implants	2
6. Available bone, examined via CBCT	2

7. Sinus membrane elevation techniques	2
8. General principles of surgical technique in implantology	2
9. Repositioning of the inferior alveolar nerve	2
10. Accidents and complications in implantology	2
11. Accidents and complications in bone augmentation and sinus lift	2
12. Zygomatic and pterygoid implants	2
13. Bone augmentation in implantology	2
14. Surgical techniques for inserting implants with immediate loading.	2
<b>Seminary / Laboratory / Clinical Trainee content - Analytical syllabus</b>	<b>No.hours</b>
1. Patient history. Indications. Contraindications of dental implants.	2
2. Instruments and equipment used in implantology. Sterilization and general principles of sterilization	2
3. Types of incisions, flaps and sutures in implantology	2
4. Classification of available bone according to size and density	2
5. The surgical technique of implant insertion. General principles and rules	2
6. Discovery of implants in order to carry out prosthetic works.	2
7. Accidents and complications occurring during or after the insertion of dental implants	2
8. Guided bone regeneration, carrying out the manipulations by the student on animal bone	2
9. Ultrasonic surgery in implantology	2
10. Surgical guidelines used in implantology.	2
11. Techniques for raising the sinus membrane	2
12. Radiological examination and CT. Measuring bone quality and quantity	3
13. Accidents and complications of dental implants	3
14. Dispensing patients with dental implants.	3
<b>Minimal bibliography</b>	
1) Contemporary Implant Dentistry 4th Edition, Carl E.Misch, Mosby; 4th edition (February 27, 2020)	
2) Course support 2025-2026	

<b>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</b>
By going through the courses and practical internships as this discipline, every student must know the techniques of inserting dental implants at the level of the oral cavity under the conditions of compliance with the rules of asepsis, antiseptis, as well as solving accidents and complications associated with dental implants . This knowledge will be used daily in the dental office to carry out specific activities.

<b>Mode of transmission of information:</b>	
<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Interactive programmed education; the multimedia projection of the course support
Laboratory	Equipped dental offices and practical demonstrations

<b>Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check</b>
<ul style="list-style-type: none"> <li>- Performing the anamnesis, examining the patient, requesting and interpreting paraclinical examinations</li> <li>- Elaboration of the complete diagnosis and a treatment plan</li> <li>- knowing the instruments and surgical kits for oral implantology</li> <li>- inserting implants in maxilla and mandible models. Suturing an implant site.</li> </ul>

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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 %
- activity like homework / reports / essay / translation / projects etc.	0 %
- other activity	0 %
<b>Describe the practical ways of final assessment, E:</b>	
Practical Individual Exam and 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)
<ul style="list-style-type: none"> <li>· passing the practical exam</li> <li>· promotion of control works</li> <li>· recovery of absences from practical works</li> <li>· knowledge of the basic concepts regarding Oral Implantology</li> </ul>	<ul style="list-style-type: none"> <li>· in-depth knowledge of the concepts of Oral Implantology</li> </ul>

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**

**Assist. Prof. Drd. Di Francesco Paolo**

Date of approval in the Department

**17.09.2025**





**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Medico-Surgical emergencies in Dental Medicine</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Burcea Alexandru</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Burcea Alexandru</b>				
The discipline code	<b>DM 6.12.7</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>II</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>4</b>

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

Number of hours per week	<b>4</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>2</b>
Total hours of the curriculum	<b>56</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>28</b>
		Total hours per semester	<b>100</b>		
<b>Distribution of Time</b>					<b>44 hours</b>
1. Deciphering and studying course notes					6
2. Study after textbook, course support					4
3. Study of the indicated minimum bibliography					4
4. Additional documentation in the library					4
5. Specific training activity seminar and / or laboratory					4
6. Achievement homework, reports, essay, translations etc					2
7. Preparation of control papers					1
8. Preparation of oral presentations					6
9. Preparation of final exam					3
10. Consultations					2
11. Documentation on the field					2

12. Documentation on the Internet	
13. Tutoring	2
14. Examinations	4
15. Other activities	0

<b>The name of the course</b>	<b>Medico-Surgical emergencies in Dental Medicine</b>		
<b>Professional competences specific to the discipline</b>	<p>Knowledge and proper use of the concepts specific to the emergency discipline in dental medicine and first aid measures.</p> <p>Knowing the diagnostic criteria for the main emergencies in dental medicine and first aid measures.</p> <p>Knowing and explaining the main pathogenic mechanisms of emergencies in dental medicine and first aid measures, directing the patient to specialized medical services to evaluate and balance general ailments.</p>		
<b>Transversal competencies</b>	The student will acquire the ability to detect and correlate interdisciplinary the problem of oral health as an integral aspect in the general system of health status of each patient.		
<b>The general objective of the discipline</b>	Emergency management in the dental office		
<b>The specific objective of the discipline</b>	ring students for the approach and treatment in the dental office of patients with various associated systemic diseases.		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	<p>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.</p>	<p>The student/graduate recognizes, classifies, and interprets signs and symptoms, understands rapid intervention and stabilization protocols for patients in emergency and critical medical situations, including first aid activities.</p>	<p>The student/graduate acquires and demonstrates supervised specialty clinical experience. Gradually and stepwise performs practical and clinical procedures necessary to ensure professional competencies. Integrates, applies, and adapts evaluation and intervention methods and techniques, including cardiopulmonary resuscitation, immediate trauma treatment, and management of acute complications. The student/graduate plans, supports, and coordinates, under appropriate supervision, specific medical interventions in emergency and critical situations, collaborating interdisciplinarily and respecting intervention protocols.</p>

<b>Content of lectures – Analytical syllabus</b>	<b>No.hours</b>
15. Behavior in the dental office towards the patient with diseases of the cardiovascular system.	2
16. Behavior in the dental medicine office towards the patient with respiratory diseases.	2
17. Behavior in the dental office towards the patient with nervous system disorders.	2
18. Behavior in the dental office towards the patient with endocrine system disorders.	2
19. Behavior in the dental medicine office towards the patient with kidney diseases.	2
20. Behavior in the dental medicine office towards the patient with diseases of the digestive system.	2

21. Behavior in the dental office towards the patient with mental disorders.	2
22. Behavior in the dental office towards the patient with hematological disorders.	2
23. Behavior in the dental office towards the oncological patient	2
24. Behavior in the dental office towards the pregnant or breastfeeding patient.	2
25. Medical emergencies in the dental office - acute neurological manifestations.	2
26. Medical emergencies in the dental office - cardiovascular manifestations.	2
27. Systemic toxic reactions produced by local anesthetic solutions.	2
28. Emergency kit for the dental office.	2
<b>Seminary / Laboratory / Clinical Trainee content - Analytical syllabus</b>	No.hours
15. Behavior in the dental office towards the patient with diseases of the cardiovascular system.	2
16. Behavior in the dental medicine office towards the patient with respiratory diseases.	2
17. Behavior in the dental office towards the patient with nervous system disorders.	2
18. Behavior in the dental office towards the patient with endocrine system disorders.	2
19. Behavior in the dental medicine office towards the patient with kidney diseases.	2
20. Behavior in the dental medicine office towards the patient with diseases of the digestive system.	2
21. Behavior in the dental office towards the patient with mental disorders.	2
22. Behavior in the dental office towards the patient with hematological disorders.	2
23. Behavior in the dental office towards the oncological patient	2
24. Behavior in the dental office towards the pregnant or breastfeeding patient.	2
25. Medical emergencies in the dental office - acute neurological manifestations.	2
26. Medical emergencies in the dental office - cardiovascular manifestations.	2
27. Systemic toxic reactions produced by local anesthetic solutions.	2
28. Emergency kit for the dental office. Practical exam	2

#### **Minimal bibliography**

1. The complete dentist manual-The essential guide to being a complete care dentist, Dawson Academy, Peter E Dawson, 2017
2. 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**

Recognizing emergencies in the dental office, preventing and performing a preliminary therapy until the patient is transported to specialized services.

#### **Mode of transmission of information:**

<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Presentation 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. Power-Point presentations
Laboratory	Power-Point presentations and movies presentations.

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

Each student must:

- know the diagnostic criteria for the main medical emergencies;

- describes treatment and monitoring protocols in first aid measures.
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For the final mark is taken into account	Weight in notation, expressed as a percentage (Total = 100%)
- the answer at the exam / final evaluation	80%
- the final answer at the practical exam at laboratory	5%
- continuing testing during the semester	5%
- activity like homework / reports / essay / translation / projects etc.	5%
- other activity	5%
<b>Describe the practical ways of final assessment, E:</b> 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)
For 5 grade, the student must have active participation in all laboratory classes and know the basic concepts regarding the recognition and preliminary treatment of emergencies in the dental office.	For 10 grade, the student must know in depth the notions regarding the recognition and preliminary treatment of emergencies in the dental office.

Date of completion

**12.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Course holder,  
**Assoc. Prof. PhD Burcea Alexandru**

Date of approval in the Department

**17.09.2025**

Laboratory holder,  
**Assoc. Prof. PhD Burcea Alexandru**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Mobilisable dental prosthetics</b>				
Didactic function, name and surname of the course holder	<b>Lecturer PhD Ionescu Tudor Petru</b>				
Didactic function, name and surname of the laboratory holder	<b>Lecturer PhD Ionescu Tudor Petru, Assist. Prof. Dr. Di Francesco Paolo, Assist. Prof. Dr. Drăghici Lucia Alexandra</b>				
The discipline code	<b>DM 6.12.8</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>II</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>6</b>

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

Number of hours per week	<b>6</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>4</b>
Total hours of the curriculum	<b>84</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>56</b>
		Total hours per semester	<b>150</b>		
<b>Distribution of Time</b>					<b>66 hours</b>
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					2
5. Specific training activity seminar and / or laboratory					10
6. Achievement homework, reports, essay, translations etc					2
7. Preparation of control papers					2
8. Preparation of oral presentations					2
9. Preparation of final exam					10
10. Consultations					2
11. Documentation on the field					2

12. Documentation on the Internet	2
13. Tutoring	2
14. Examinations	2
15. Other activities	

<b>The name of the course</b>	<b>Mobilisable dental prosthetics</b>		
<b>Professional competences specific to the discipline</b>	<b>Theoretical knowledge</b> <ul style="list-style-type: none"> <li>• Knowledge of the clinical examination of the partial edentulous patient.</li> <li>• Knowledge of the clinical-technical stages of removable prosthesis.</li> <li>• Adaptation with removable prosthesis and patient dispensary.</li> <li>• Knowledge of the clinical-technical stages of removable prosthesis reconditioning</li> </ul>		
<b>Transversal competencies</b>	<ul style="list-style-type: none"> <li>• Learning and correct use of medical vocabulary</li> <li>• Identifying the roles and responsibilities of teamwork</li> <li>• Effective use of information sources and communication resources</li> <li>• Knowing the importance of continuing medical education in order to develop their professional capacities</li> </ul>		
<b>The general objective of the discipline</b>	<ul style="list-style-type: none"> <li>• Completing a patient observation medical report</li> <li>• Perform the exo- and endobuccal examination of the patient.</li> <li>• To know the clinical and technical stages of removable prosthetic treatment.</li> <li>• Staging the treatment of the partial edentulous patient</li> </ul>		
<b>The specific objective of the discipline</b>	Competences in examining a partial edentulous patient, establishing the diagnosis and the treatment plan; making removable prosthesis		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1 Partial edentulous situation, definition, etiology, symptoms	2
2 Considerations for Managing Partial Tooth Loss	2
3 Diagnosis and Treatment Planning	2
4 Biomechanics of Removable Partial Dentures	2
5 Major and Minor Connectors	2
6 Rests and Rest Seats	2
7 Direct Retainers	2

8 Principles of Removable Partial Denture Design	2
9 Preparation of the Mouth for Removable Partial Dentures	2
10 Impression Materials and Procedures for Removable Partial Dentures	2
11 Relining and Rebasing the Removable Partial Denture	2
12 Repairs and Additions to Removable Partial Dentures	2
13 Interim Removable Partial Dentures	2
14 Modified protocols for immediate dentures, over dentures and single dentures	2
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>
1 Clinical examination of the partial edentulous bimaxillary patient without prosthesis and of the patient with old prosthesis	8
2 Preparation of Abutment Teeth	4
3 Preliminary impression, definition, materials and techniques	4
4 Final impression, definition, materials and techniques	4
5 Recording jaw relations using the occlusal rims.	8
6 The selection and arrangement of prosthetic teeth	4
7 The try-in appointment; verification of trial denture retention and stability	4
8 Prostheses insertion and follow-up appointments	4
9 Prosthetic stomatopathies. Classification, clinical forms, treatment methods	4
10 Relines and rebases of the complete prostheses	4
11 Practical exam	8
<b>Minimal bibliography</b>	
1. Course support 2025-2026 2. McCracken's REMOVABLE PARTIAL PROSTHODONTICS – Alan Carr, David Brown, 13-th edition, 2016 3. Complete Denture Prosthodontics – Yasemin K.Ozkan, Springer International Publishing, 2022 4. Digital full arch-Byung-Ho Choi, Seung-MI Jeong, Quintessence Publishing, 2022	

<b>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</b>
The content of the discipline is corroborated with the need of employers in the fields of health, health management, medical education, drug companies, research in dentistry.

<b>Mode of transmission of information:</b>	
<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Interactive presentation of the material according to the analytical program, using multimedia means, power point presentations, didactic videos, debates, study topics.
Laboratory	Activity carried out on cast models, radiographs and patients in order to form the practical skill; power point presentations, didactic videos, debates, study topics.

<b>Minimum performance standard - The minimum work to be done by the student to the practical work to be admitted to the final check</b>
1. Each student must participate at treatment of at least one partial edentulous patient and help treat the other patients in the group (mandatory condition for entering the practical exam). 2. Examination of the partial edentulous patient. 3. Establishing the treatment plan and staging it. 4. Preliminary and functional impressions of the partial edentulous prosthetic field. 5. Determination and recording of intermaxillary relations. 6. Application and individualization of the removable prosthesis.

7. Periodic inspection and retouching of the prosthesis on a case-by-case basis	
<b>For the final grade is taken into account</b>	<b>Total = 100%</b>
- the answer at the exam / final evaluation	<b>70 %</b>
- the final answer at the practical exam at laboratory	<b>10 %</b>
- periodic testing by control papers	<b>0 %</b>
- continuing testing during the semester	<b>10 %</b>
- activity like homework / reports / essay / translation / projects etc.	<b>10 %</b>
- other activity	<b>0 %</b>
<b>Describe the practical ways of final assessment, E:</b> Practical Individual Exam, Scientific Report, Descriptive Written Work , <b>E:</b> Written work (descriptive and test)	
<b>Minimum requirements for 5 grade</b> (Or how to assign 5 grade)	<b>Minimum requirements for 10 grade</b> (Or how to assign 10 grade)
<ul style="list-style-type: none"> <li>• Passing the practical exam</li> <li>• Laboratory, course attendance</li> <li>• Mandatory redeeming of absences</li> <li>• Acquiring specialized terms and their proper use</li> <li>• Passing theoretical and practical tests</li> </ul>	In addition to the minimum requirements for grade 5: <ul style="list-style-type: none"> <li>• Mastering the entire course of the discipline, along with studying other specialized books</li> <li>• Fully participating in interactive discussions during the course or laboratory</li> <li>• Ability to explain and interpret the theoretical and practical contents of the discipline in an interdisciplinary approach with other general and specific dental and dental subjects.</li> <li>• Ability to synthesize; logical thinking</li> </ul>

Date of completion  
**12.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Course holder,  
**Lecturer PhD Ionescu Tudor Petru**

Laboratory holder,  
**Lecturer PhD Ionescu Tudor Petru**

**Assist. Prof. Dr. Di Francesco Paolo**

**Assist. Prof. Dr. Drăghici Lucia Alexandra**

Date of approval in the Department  
**17.09.2025**





**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST**  
**UNIVERSITY YEAR 2025-2026**

## THE DISCIPLINE FILE

Faculty	<b>DENTAL MEDICINE</b>
Department	<b>DEPARTMENT OF SPECIALTY DISCIPLINES</b>
Field of study	<b>HEALTH</b>
Study cycle	<b>Licence studies</b>
Study program	<b>Dental Medicine</b>

Name of the discipline	<b>Oral Pathology</b>				
The teaching function, the name and surname of the course holder	<b>Associate professor Dr. Laurenta Lelia Mihai</b>				
Didactic function, name and surname of the seminary / laboratory / clinical trainee	<b>Associate professor. Dr. Laurenta Lelia Mihai</b>				
Code of the discipline	<b>DM 6.12.9</b>	The formative category of the discipline		<b>SD</b>	
Year of the study	<b>VI</b>	Semester*	<b>12</b>	Type of final evaluation (E, V)	<b>E</b>
The discipline regime (O-compulsory, Op-optional, F-optional)			<b>O</b>	Number of credits	<b>4</b>

*\* If the discipline has several study semesters, complete a file for each semester Dacă disciplina are mai multe semestre de studiu, se completează câte o fișă pentru fiecare semestru*

Number of hours per week	<b>4</b>	Of which course hours:	<b>2</b>	Seminar / laboratory / clinic	<b>2</b>
Total ore din planul de învățământ	<b>56</b>	Of which course hours:	<b>28</b>	Seminar / laboratory / clinic	<b>28</b>
		Total hours per semester	<b>100</b>	Total hours of individual study	<b>44</b>
Distribution of Time Fund					hours
1. Deciphering and studying course notes					9
2. Deciphering and studying course notes					9
3. Deciphering and studying course notes					4
4. Additional documentation in the library					4
5. Specific training activity SEMINAR and / or LABORATORY					7
6. Making themes, essays, translations, etc.					0
7. Training for test					4
8. Preparation oral presentations					0

9. Preparation final examination	5
10. Consultations	0
11. Documentation on the ground	0
12. Documentation on the Internet	0
13. Tutoring	0
14. Examinations	1
15. Other activities:	0

<b>Tutoring</b>	<b>Oral Pathology</b>		
<b>Professional competences specific to the discipline</b>	Knowing the main favoring factors of mucosal carcinoma. Knowledge of the lesions with the potential for malignancy and the initial forms of carcinoma and melanoma of the oral mucosa. Knowledge of the main groups of specific diseases of the oral mucosa as well as medical diseases of the mouth and salivary glands.		
<b>Transversal competences</b>	Identification of the objectives to be achieved, the available resources, the conditions for their completion, the work stages. Identifying roles and responsibilities in a multidisciplinary team and applying communication techniques and effective work within the team and in the relationship with the patient. Effective use of communication resources and assisted professional training.		
<b>The general objective of the discipline</b>	To recognize the normal appearance of the oral cavity and the variants of the normal. To recognize and eventually be able to suppress the local favoring factors of malignization. To recognize conditions with potential for malignancy and the onset forms of mucosal malignancies in order to carry out preventive oncological control in the dental office. To recognize the main medical conditions of the oral cavity in general and of the oral mucosa in particular.		
<b>Objectives specific to the discipline</b>	To recognize, to carry out an appropriate treatment or to guide patients who present oral manifestations of systemic diseases. To recognize, treat or refer patients with non-specific oral-facial algia to other specialties. To treat some of these conditions that are included in the dentist's professional competence guide		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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	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

	methods/techniques.		necessary for practicing the profession of dentist.
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Content of lectures – Analytical syllabus		No. hours
1.	Normal oral mucosa and its anatomical variations. Histological structure of the oral mucosa	2
2.	Immune defense mechanisms of the oral cavity	2
3.	Elementary clinical lesions of the oral mucosa, normal variations	2
4.	Diseases with the potential for malignancy	2
5.	Mucosal carcinoma	2
6.	Oral lichen planus and discoid lupus erythematosus	2
7.	Bullous and ulcerative stomatitis	2
8.	Allergic manifestations of the oral mucosa	2
9.	Autoimmune diseases - oral thrush	2
10.	Bacterial diseases of the oral mucosa	2
11.	Viral diseases of the oral mucosa	2
12.	Oral manifestations in HIV patients	2
13.	Oral manifestations in hemopathies	2
14.	Pigmented lesions of the oral mucosa	2
Seminary / Laboratory / Clinical Trainee content - Analytical syllabus		No. hours
1.	Patient examination methodology	2
2.	The stages of formulating the diagnosis in Oral Pathology	2
3.	The observation sheet and its particularities	2
4.	Complementary examinations used in the patient's diagnostic	2
5.	Early diagnosis methods of premalignant and malignant lesions	2
6.	The biopsy examination: indications, technique	2
7.	The histopatological examination	2
8.	Modern methods of complementary diagnosis: immunofluorescence, immunohistochemistry	2
9.	The microbiological examination and its stages	2
10.	The virological examination and its particularities in oral diseases	2
11.	Treatment strategies in dental medical conditions of the oral mucosa	2
12.	Methods of clinical and paraclinical exploration in the medical pathology of the salivary glands	2
13.	The notion of emergency in diseases of the oral mucosa	2
14.	Practical exam	2
Minimal bibliography		
1.Lecture notes 2025		
2. Neville, B. W., Damm, D. D., Allen, C. M., & Chi, A. C. (2015). Oral and maxillofacial pathology. Elsevier Health Sciences.		
3. Cawson, R. A., & Odell, E. W. (2017). Cawson's essentials of oral pathology and oral medicine e-book. Elsevier Health Sciences. "Oral Pathology. Clinical Pathologic Correlations", Regezzi & Sciubba 7th edition, 2016		
4.Lewis, M. A., & Lamey, P. J. (2019). Oral Medicine in Primary Dental Care. Springer International Publishing.		

5. Farah, C. S., Balasubramaniam, R., & McCullough, M. J. (Eds.). (2019). Contemporary oral medicine: A comprehensive approach to clinical practice (pp. 173-253). Switzerland: Springer.  
 6. Lascaris, Pocket Atlas of Oral Diseases, 2022

**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 sixth year, students must recognize the normal appearance of the oral mucosa, the variants of the normal as well as the lesions with the potential for malignancy

**Mode of transmission of information:**

Forms of activity	Teaching methods used
Course	Oral presentation + multimedia, discussions
Laboratory	Multimedia presentation, didactic materials, patient consultations

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

To recognize the normal appearance of the oral cavity and the variants of the normal. To recognize conditions with the potential for malignancy and the onset forms of mucosal malignancies in order to carry out preventive oncological control in the dental office.

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	20%
- periodic testing by control papers	20%
- continuing testing during the semester	10%
- activity like homework / reports / essay / translation / projects etc.	0%
- other activity	0%
<b>Describe the practical ways of final assessment:</b> Multiple choice test evaluation	
Minimum requirements for note 5 (Or how to assign note 5)	Minimum requirements for note 10 (Or how to assign note 10)
<ul style="list-style-type: none"> <li>Recognition of the oral mucosa lesions</li> </ul>	<ul style="list-style-type: none"> <li>Recognition of the oral mucosa lesions, knowledge and application of diagnostic criteria of the oral mucosa, ascertainment of treatment.</li> </ul>

Date of completion  
**12.09.2025**

Discipline holder  
**Associate professor PhD. Laurenta Lelia Mihai**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Discipline lecturer,  
**Associate professor PhD. Laurenta Lelia Mihai**

Laboratory titular  
**Associate professor PhD. Laurenta Lelia Mihai**

Date of approval in the department  
**17.09.2025**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Oral rehabilitation – specialty practice</b>				
Didactic function, name and surname of the course holder	<b>Assoc. Prof. PhD Pătroi Dan Nicolae</b>				
Didactic function, name and surname of the laboratory holder	<b>Assoc. Prof. PhD Pătroi Dan Nicolae, Assist. Prof. PhD Stoian-Albulescu Mirel, Assist. Prof. PhD Mihali Teodora</b>				
The discipline code	<b>DM 6.12.8</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>II</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>8</b>
* If the discipline has more semesters of studies, it will be fulfilled a file for each semester					

Number of hours per week	<b>8</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>6</b>
Total hours of the curriculum	<b>112</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>84</b>

	Total hours per semester	<b>200</b>		
<b>Distribution of Time</b>				<b>88 hours</b>
1. Deciphering and studying course notes				14
2. Study after textbook, course support				14
3. Study of the indicated minimum bibliography				12
4. Additional documentation in the library				4
5. Specific training activity seminar and / or laboratory				10
6. Achievement homework, reports, essay, translations etc				6
7. Preparation of control papers				10
8. Preparation of oral presentations				5
9. Preparation of final exam				10
10. Consultations				4
11. Documentation on the field				0
12. Documentation on the Internet				6
13. Tutoring				4
14. Examinations				2
15. Other activities				0

<b>The name of the course</b>	<b>Oral rehabilitation – specialty practice</b>
<b>Professional competences specific to the discipline</b>	Acquisition of theoretical methods of examination and collection of significant information from the patient within the framework of the global oral analysis. Based on these methods, it is necessary to develop an individualized treatment plan, correlated with the type of clinical situation of each patient.
<b>Transversal competencies</b>	Knowledge of specific clinical stages of treatment in oral rehabilitation
<b>The general objective of the discipline</b>	Knowledge and mastery of treatment principles depending on the patient's clinical situation.
<b>The specific objective of the discipline</b>	Knowledge and execution of at least one treatment method specific to each clinical stage of oral rehabilitation.

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 Defining the field of oral rehabilitation. Purpose. Objectives. Fundamental principles. General principles. Indications. Limits. Therapeutic concept.	2
2 The concept of stomatognathic system. Terminology	2
3 Elements of occlusal functional morphology	2
4 Determinants of the stomatognathic system: anterior, posterior and functional	2
5 Dento-dental reports. Criteria of functional occlusion	2
6 Adaptation of the stomatognathic system to occlusal stress	2
7 Mandibular-cranial positions. Centric relation. Occlusal concepts and theories	2
8 Oral rehabilitation in planned dental care	2
9 Oral rehabilitation of adult patients with dento-maxillary anomalies	2
10 Oral rehabilitation of patients with occlusal dysfunctions	2
11 Oral rehabilitation of the young patient with increased carioactivity	2
12 Oral rehabilitation of the patient with subtotal and total edentulism	2
13 Oral rehabilitation of the implant patient	2
14 Digital patient	2
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>

1 Patient examination. Observation chart	
2 Analog and digital impression of dental arches for study models	
3 Analysis of study models. Preparation of study models for mounting in the articulator	
4 Muscle and TMJ examination	
5 Methods and techniques for positioning the mandible in centric relationship	
6 Recording the centric and eccentric relationships	
7 Analog and digital articulator	
8 Diagnosis in oral reahbilitation	
9 Treatment planning. Obtaining informed consent from the patient	
10 Interim restorations	
11 Immediate prosthetics in emergencies	
12 Methods to streamline complete and complex treatments	
13 Stages of a complex oral rehabilitation treatment	
14 post operative care after complex oral dental treatment	
<b>Minimal bibliography</b>	
1 Patroi D. - Lecture notes, 2024 2 Keith G. - Clinical applications of dental materials, American Medical Publisher, 2023 3 Trushkowsky R.D. - Esthetic Oral Rehabilitation with Veneers, Springer Berlin, 2020 4 Mauro Fradeani Esthetic Rehabilitation in Fixed Prosthodontics Quintessence Publishing 2004 5 Mersel A. - Oral Rehabilitation for Compromised and Erdeli Patients, Springer, 2019 6 Gerard Byrne Fundamentals of Implant Dentistry: Prosthodontic Principles Wiley-Blackwell 2020 7 Irfan Ahmad, Trevor Burke "Prosthodontics at a Glance "Wiley-Blackwell 2020 8 Stephen F. Rosenstiel, Martin F. Land, Junhei Fujimoto "Contemporary Fixed Prosthodontics" Elsevier 2022 9 Patrick J. Stevens, Marco Brindis "Implant Prosthodontics: A Patient-Centered Approach" Springer 2021 10 Wael Att "Digital Workflow in Reconstructive Dentistry" Quintessence Publishing 2021	

**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 can benefit from complete oral rehabilitation 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. Interaction with the dental laboratory

**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 of oral rehabilitation
- 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 oral rehabilitation 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 %
- activity like homework / reports / essay / translation / projects etc.	10 %
- other activity	0 %
<b>Describe the practical ways of final assessment, E:</b> 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 oral rehabilitation	- in-depth knowledge of the concepts of oral rehabilitation

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,

**Assoc. Prof. PhD Pătroi Dan Nicolae**

**Assist. Prof. PhD Stoian-Albulescu Mirel**

Date of approval in the Department

**17.09.2025**

**Assist. Prof. PhD Mihali Teodora**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Management of the dental office - Ergonomics</b>				
Didactic function, name and surname of the course holder	<b>Lecturer PhD Sitaru Alexandru</b>				
Didactic function, name and surname of the laboratory holder	<b>-</b>				
The discipline code	<b>DM 6.12.11</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>II</b>	Type of final evaluation (E, V, C)	<b>V</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>2</b>

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

Number of hours per week	<b>2</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>-</b>
Total hours of the curriculum	<b>28</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>-</b>
		Total hours per semester	<b>50</b>		
<b>Distribution of Time</b>					<b>22 hours</b>
1. Deciphering and studying course notes					6
2. Study after textbook, course support					6
3. Study of the indicated minimum bibliography					4
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					6
10. Consultations					0
11. Documentation on the field					0

12. Documentation on the Internet	0
13. Tutoring	0
14. Examinations	0
15. Other activities	0

<b>The name of the course</b>	<b>Management of the dental office – Ergonomics</b>		
<b>Professional competences specific to the discipline</b>	1. Managing a dental office. 2. Managing patients. 3. Managing employees. 4. Business planning		
<b>Transversal competencies</b>	1. Teamwork. 2. Oral and written communication skills. 3. Problem solving and decision making. 4. Respect and development of professional values and ethics.		
<b>The general objective of the discipline</b>	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.		
<b>The specific objective of the discipline</b>	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.		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
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
<b>Minimal bibliography</b>	
1. Course support 2025-2026	

<b>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</b>	
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.	

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

<b>For the final grade is taken into account</b>	<b>Total = 100%</b>
- the answer at the exam / final evaluation	<b>80 %</b>
- periodic testing by control papers	<b>0 %</b>
- continuing testing during the semester	<b>0 %</b>
- activity like homework / reports / essay / translation / projects etc.	<b>20 %</b>
- other activity	<b>0 %</b>

<b>Describe the practical ways of final assessment, E: Written work (test)</b>	
<b>Minimum requirements for 5 grade</b> (Or how to assign 5 grade)	<b>Minimum requirements for 10 grade</b> (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,

Laboratory holder,

**Lecturer PhD Sitaru Alexandru**

-

Date of approval in the Department  
**17.09.2025**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Implant oral rehabilitation</b>				
Didactic function, name and surname of the course holder	<b>Prof. PhD Barbu Horia Mihail</b>				
Didactic function, name and surname of the laboratory holder	<b>-</b>				
The discipline code	<b>DM 6.12.12</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>II</b>	Type of final evaluation (E, V, C)	<b>V</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>2</b>

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

Number of hours per week	<b>2</b>	Of which course hours	<b>2</b>	seminary / laboratory / clinical internship	<b>-</b>
Total hours of the curriculum	<b>28</b>	Of which course hours	<b>28</b>	seminary / laboratory / clinical internship	<b>-</b>
		Total hours per semester	<b>50</b>		
<b>Distribution of Time</b>					<b>22 hours</b>
1. Deciphering and studying course notes					<b>2</b>
2. Study after textbook, course support					<b>4</b>
3. Study of the indicated minimum bibliography					<b>4</b>
4. Additional documentation in the library					<b>0</b>
5. Specific training activity seminar and / or laboratory					<b>0</b>
6. Achievement homework, reports, essay, translations etc					<b>0</b>
7. Preparation of control papers					<b>2</b>
8. Preparation of oral presentations					<b>2</b>
9. Preparation of final exam					<b>4</b>
10. Consultations					<b>0</b>
11. Documentation on the field					<b>0</b>

12. Documentation on the Internet	4
13. Tutoring	0
14. Examinations	0
15. Other activities	0

<b>The name of the course</b>	<b>Implant oral rehabilitation</b>		
<b>Professional competences specific to the discipline</b>	1. Acquiring the knowledge necessary for developing an implant-prosthetic treatment plan. 2. Acquiring theoretical knowledge for choosing the implant based on the future prosthetic work.		
<b>Transversal competencies</b>	1. Acquiring theoretical knowledge regarding the selection of the prosthetic work type on implants, as well as understanding and mastering the methods for three-dimensional reconstruction of edentulous arches using bone grafts. 2. Mastery of the theoretical methods of the surgical protocol for sinus-lift interventions.		
<b>The general objective of the discipline</b>	Understanding and mastering theoretical knowledge regarding the choice of prosthetic crowns and the emergence profile of future prosthetic parts on implants.		
<b>The specific objective of the discipline</b>	1. Mastery of patient examination methods. 2. Understanding the importance of the concept of implant-prosthetic oral rehabilitation. 3. Acquiring the necessary knowledge to develop an individualized implant-prosthetic treatment plan.		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1. Examination of patients rehabilitated with dental implants	2
2. Diagnosis, indications, and contraindications of implant-prosthetic treatment	2
3. Implant treatment plan in complex oral rehabilitations	2
4. Selection criteria for different types of implant prosthetic restorations	2
5. Clinical cases for different types of edentulism and their resolution through dental implants	2
6. Prosthetic principles for restoring edentulism with dental implants	2
7. Balance between immediate and delayed prosthetic loading of dental implants	2
8. Flap elevation techniques for uncovering osteointegrated implants	2
9. Prosthetic restoration on implants	2
10. Soft tissue management in implantology	2



11. Provisional implants	2
12. Temporary prosthetic restoration on implants	2
13. Final prosthetics on implants	2
14. Follow-up for patients with prosthetic implants	2

#### **Minimal bibliography**

1. Davarpanah, Szmukler-Moncler. \*Immediate Loading of Dental Implants\*, Quintessence International, 2008
2. Misch, C.E., Dental Implant Prosthetics, Elsevier Mosby, 2014
3. Carl Drago, Implant Restorations- A Step-by-Step Guide, John Wiley and Sons Ltd, January 2020
4. Daniel Wismeijer / Stephen Barter / Nikolaos Donos (Editor), France Lambert / Adam Hamilton- Immediate Implant Placement and Loading, ITI Treatment Guide Series, Volume 14, 1st Edition, Quintessence International 2023

#### **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 course material and learning outcomes will be aligned with the needs and standards set by key stakeholders in the healthcare sector, ensuring that the academic content taught in the course meets the expectations and requirements of both professional standards and the practical demands of the job market in healthcare.

#### **Mode of transmission of information:**

<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Power Point presentation

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

#### **Describe the practical ways of final assessment, E:**

**E:** Written work (descriptive and test)

<b>Minimum requirements for 5 grade</b> (Or how to assign 5 grade)	<b>Minimum requirements for 10 grade</b> (Or how to assign 10 grade)
Passing control papers Basic knowledge of implant-prosthetic oral rehabilitation	In-depth knowledge of implant-prosthetic oral rehabilitation

Date of completion

**12.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Course holder,  
**Prof. PhD Barbu Horia Mihail**

Laboratory holder,

-

Date of approval in the Department

**17.09.2025**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Ergonomics of teamwork doctor-assistant at microscope in the dental office</b>				
Didactic function, name and surname of the course holder	<b>Lecturer PhD Manea Ștefan</b>				
Didactic function, name and surname of the laboratory holder	<b>Lecturer PhD Manea Ștefan, Assist. Prof. PhD Mihali Teodora</b>				
The discipline code	<b>DM 6.12.13</b>	The formative category of the discipline		<b>SD</b>	
Academic year	<b>VI</b>	Semester*	<b>II</b>	Type of final evaluation (E, V, C)	<b>E</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>O</b>	Number of credits	<b>2</b>

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

Number of hours per week	<b>2</b>	Of which course hours	<b>1</b>	seminary / laboratory / clinical internship	<b>1</b>
Total hours of the curriculum	<b>28</b>	Of which course hours	<b>14</b>	seminary / laboratory / clinical internship	<b>14</b>
		Total hours per semester	<b>50</b>		
<b>Distribution of Time</b>					<b>22 hours</b>
1. Deciphering and studying course notes					<b>4</b>
2. Study after textbook, course support					<b>2</b>
3. Study of the indicated minimum bibliography					<b>1</b>
4. Additional documentation in the library					<b>1</b>
5. Specific training activity seminar and / or laboratory					<b>1</b>
6. Achievement homework, reports, essay, translations etc					<b>1</b>
7. Preparation of control papers					<b>2</b>
8. Preparation of oral presentations					<b>2</b>
9. Preparation of final exam					<b>3</b>
10. Consultations					<b>1</b>
11. Documentation on the field					<b>0</b>

12. Documentation on the Internet	2
13. Tutoring	1
14. Examinations	1
15. Other activities	0

<b>The name of the course</b>	<b>Ergonomics of teamwork doctor-assistant at microscope in the dental office</b>		
<b>Professional competences specific to the discipline</b>	<ul style="list-style-type: none"> <li>- Knowledge and understanding the concepts of the discipline;</li> <li>-Acquisition of solid theoretical knowledge about the equipment and instruments used in the microscope based dental office which is the basis of all specialized disciplines</li> <li>- Knowing each individual instrument and associating it with other instruments used in the dental office.</li> <li>-Identification and differentiation of each instrument based on individual characteristics and their use in certain stages</li> <li>- Creating specific skills for future practical work, developing and perfecting of the tactile sense.</li> </ul>		
<b>Transversal competencies</b>	<ul style="list-style-type: none"> <li>- The discipline represents an introduction to microscope based dental office, by presenting some specialty terms and notions that will be used along the studies, as well as in the practice of dental medicine.</li> </ul>		
<b>The general objective of the discipline</b>	Acquisition of theoretical and practical notions related to the dental microscope and its use in the dental office		
<b>The specific objective of the discipline</b>	<ul style="list-style-type: none"> <li>- Acquiring the notions of using instruments and appliances in a microscope based dental office.</li> <li>- Knowing the instruments and appliances in detail according to the characteristics of each, to appreciate and differentiate the quality of the instruments and their arrangement in the dental office.</li> <li>- Linking to new acquisitions in the field.</li> <li>- Obtaining elementary skills of manipulating instruments and forming particularly important manual practice skills in the dental profession.</li> </ul>		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	The student/graduate recognizes, identifies, describes, classifies, and differentiates current issues related to the organization of dental activities (prevention, curative activities, health education, etc.).	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 efficiently plans and organizes the activity in the dental office. The student/graduate applies ergonomics principles in practical activity.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1. Ergonomics for dental medicine.	1
2. Magnification in dental medicine.	1
3. Operatory design for microscopic practice.	2
4. Selection of the dental operating microscope and its components.	2
5. Setting up your dental operating microscope for photography and videography	2
6. Dental operating microscope in dental specialties	2
7. Training the assistants to work under an operating microscope: 4 or 6 hand dentistry	2
8. Maintenance of Dental Operating Microscope	1
9. Risks associated with the use of the microscope	1
<b>Seminary / Laboratory / Clinical Internship content - Analytical Syllabus</b>	<b>No. hours</b>

1. Ergonomics for dental medicine.	1
2. Magnification in dental medicine.	1
3. Operatory design for microscopic practice.	2
4. Selection of the dental operating microscope and its components.	2
5. Setting up your dental operating microscope for photography and videography	2
6. Dental operating microscope in dental specialities	2
7. Training the assistants to work under an operating microscope: 4 or 6 hand dentistry	2
8. Maintenance of Dental Operating Microscope	1
9. Risks associated with the use of the microscope	1

#### **Minimal bibliography**

1. Juan Carlos Ortiz Hugues - Ergonomics Applied to Dental Practice, 2023.
2. Priyanka Palat, Rahul Bhargava, Sandhya Kapoor Punia- Magnification in Dentistry, 2021
3. Ramanandvignesh Pandiyan, Mridula Goswami, Gyanendra Kumar-Microscope Dentistry: A Magnified View, 2020
4. Maciej Goczewski- Ergonomics in microscopic dentistry, 2019.
5. Gary Carr -AAE 2017 Ergonomics Lecture – Endodontics and Ergonomics.
6. Richard Schwartz, Venkat Canakapalli -Best practices in Endodontic Practice – A Desk Reference, 2015.
7. 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**

The practice of a dental clinician can greatly benefit by the use of magnification. The basic theoretical and practical knowledge regarding the use of the dental microscope and how to ergonomically design the dental office are presented within this discipline.

#### **Mode of transmission of information:**

<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	The multimedia projection of the material according to the analytical syllabus, accompanied by interactive programmed education, in order to form the practical experience of the acquired and learned theoretical notions
Laboratory	

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

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 and the promotion of the practical exam

<b>For the final grade is taken into account</b>	<b>Total = 100%</b>
- the answer at the exam / final evaluation	<b>70 %</b>
- the final answer at the practical exam at laboratory	<b>10 %</b>
- periodic testing by control papers	<b>10 %</b>
- continuing testing during the semester	<b>5 %</b>
- activity like homework / reports / essay / translation / projects etc.	<b>5 %</b>
- other activity	<b>0 %</b>

#### **Describe the practical ways of final assessment, E:**

The practical exam consists of an oral examination of the acquired knowledge, in groups. The final exam consists of a test: grid testing and open questions.

<b>Minimum requirements for 5 grade</b> (Or how to assign 5 grade)	<b>Minimum requirements for 10 grade</b> (Or how to assign 10 grade)
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-promoting control papers and practical exam with over 5 -promoting the final test exam with 5	-Knowing the basic about the dental microscope, the instrument the devices and their arrangement in a microscope based dental office. -promoting the final test exam with over 9
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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**

**Assist. Prof. PhD Mihali Teodora**



**„TITU MAIORESCU” UNIVERSITY OF BUCHAREST  
ACADEMIC YEAR 2025-2026**

## THE DISCIPLINE FILE

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

Discipline name	<b>Emergencies in endodontics</b>				
Didactic function, name and surname of the course holder	<b>Prof. PhD Răescu Mihaela</b>				
Didactic function, name and surname of the laboratory holder	<b>-</b>				
The discipline code	<b>DM 6.11.15</b>	The formative category of the discipline		<b>RD</b>	
Academic year	<b>VI</b>	Semester*	<b>I</b>	Type of final evaluation (E, V, C)	<b>V</b>
The discipline regime (O-obligatory, Op-optional, F-facultative)			<b>Op</b>	Number of credits	<b>2</b>

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

Number of hours per week	<b>1</b>	Of which course hours	<b>1</b>	seminary / laboratory / clinical internship	<b>-</b>
Total hours of the curriculum	<b>14</b>	Of which course hours	<b>14</b>	seminary / laboratory / clinical internship	<b>-</b>
		Total hours per semester	<b>50</b>		
<b>Distribution of Time</b>					<b>36 hours</b>
1. Deciphering and studying course notes					<b>7</b>
2. Study after textbook, course support					<b>7</b>
3. Study of the indicated minimum bibliography					<b>3</b>
4. Additional documentation in the library					<b>3</b>
5. Specific training activity seminar and / or laboratory					<b>1</b>
6. Achievement homework, reports, essay, translations etc					<b>2</b>
7. Preparation of control papers					<b>1</b>
8. Preparation of oral presentations					<b>2</b>
9. Preparation of final exam					<b>5</b>
10. Consultations					<b>1</b>
11. Documentation on the field					<b>1</b>

12. Documentation on the Internet	1
13. Tutoring	1
14. Examinations	1
15. Other activities	

<b>The name of the course</b>	<b>Emergencies in endodontics</b>		
<b>Professional competences specific to the discipline</b>	Learning about the emergency evaluation for interventions in endodontics		
<b>Transversal competencies</b>	Learning about the symptoms and treatment methods in endodontic emergencies, steps.		
<b>The general objective of the discipline</b>	Knowledge about emergency treatment for the dental caries complications, acute and chronic pulpitis		
<b>The specific objective of the discipline</b>	Emergency treatment for apical acute periodontitis		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1. The impact of dental caries complications; the need of emergency intervention	2
2. Acute pulpitis diagnosis and evaluation	2
3. The comparative diagnosis in acute and chronic pulpitis	2
4. The right choice about treatment in total and partial pulpitis	2
5. Periapical lesions-diagnosis	2
6. Periapical lesions-emergency treatment	2
7. Final exam	2
<b>Minimal bibliography</b>	
Lecture notes 2025	
Ingle's Endodontics 7, Ilan Rotstein, John Ingle, 2019	

<b>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</b>
The important knowledge for dental practice and endodontics specialists

<b>Mode of transmission of information:</b>	
<b>Forms of activity</b>	<b>Teaching methods used</b>
Course	Practical skills and examples

<b>For the final grade is taken into account</b>	<b>Total = 100%</b>
- the answer at the exam / final evaluation	<b>50 %</b>
- periodic testing by control papers	<b>30 %</b>
- continuing testing during the semester	<b>20 %</b>
- activity like homework / reports / essay / translation / projects etc.	<b>0 %</b>
- other activity	<b>0 %</b>

**Describe the practical ways of final assessment, E:**

Practical Individual Exam, Scientific Report, Descriptive Written Work , E: Written work (descriptive and test)

<b>Minimum requirements for 5 grade</b> (Or how to assign 5 grade)	<b>Minimum requirements for 10 grade</b> (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	Gerontognatoprosthetics				
Didactic function, name and surname of the course holder	Assoc. Prof. PhD Bănăţeanu Andreea Mariana				
Didactic function, name and surname of the laboratory holder	-				
The discipline code	DM 6.11.16	The formative category of the discipline		RD	
Academic year	VI	Semester*	I	Type of final evaluation (E, V, C)	V
The discipline regime (O-obligatory, Op-optional, F-facultative)			Op	Number of credits	2

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		
<b>Distribution of Time</b>					<b>36</b>
1. Deciphering and studying course notes					6
2. Study after textbook, course support					12

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

The name of the course	Gerontognatoprosthetics
<b>Professional competences specific to the discipline</b>	<p>Acquisition of solid theoretical knowledge regarding the clinical stages of evaluation of a geriatric patient.</p> <ul style="list-style-type: none"> <li>• The education of students seeks to familiarize them with the physio pathological aspects of advanced age and the specific therapy of ailments, with a prophylactic weight, ensuring the monitoring of the sick.</li> <li>• Acquiring practical knowledge regarding the type of treatment possible in geriatric patients</li> <li>• Knowledge of structural changes in the orofacial system in geriatric patients (metamorphoses of soft tissues, at the level of salivary glands, metamorphoses at the level of hard tissues, at the level of the neuromuscular complex and in the TMJ,); The psychological factor in senescence.</li> </ul> <p>Therapeutic elements of ADM changes in senescence: measures required in the dental office, geriatric odontotherapy, therapeutic aspects in periodontal dysfunction, the specifics of prosthetic therapy in the elderly, difficulties in prosthetic restoration, the particularities of prosthetic treatments in geriatric patients.</p> <p>Elements of prophylaxis in the elderly.</p>
<b>Transversal competencies</b>	<p>The practical activity and the clinical case study are essential for a good student preparation. The clinical examination of the geriatric patient, on the formulation of the diagnostic presumption following the clinical and paraclinical examinations, as well as the treatment solution. Achieving the performances characteristic of modern standards in mobilizable prostheses - respectively skeletal prostheses requires a very well-trained medical technician team. • In the anamnesis examination of the geriatric patient, it is essential to evaluate and specify the elements that characterize their mental status. The student must know these indispensable elements for establishing a correct treatment plan and a real prognosis.</p>

<b>The general objective of the discipline</b>	Acquiring theoretical and practical concepts related to the clinical stages in treating a geriatric patient		
<b>The specific objective of the discipline</b>	In-depth study of the elements necessary to develop a therapy appropriate for the geriatric patient: Establishing dental diseases, their age, identifying physiological changes necessary for understanding ADM diseases, knowing and presenting general methods of prophylaxis, correcting incorrect oral hygiene habits, motivating for dental treatment and proper hygiene.		
<b>Learning Outcomes</b>	<b>Knowledge</b>	<b>Skills</b>	<b>Responsibility and autonomy</b>
	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.

<b>The content of the course – Analytical Syllabus</b>	<b>No. hours</b>
1.The Age Concept	1 hour
2.Systemic Diseases and Oral Health of the Aged Patient	1 hour
3.The Treatment of Periodontal Diseases in Elderly Patients	1 hour
4.Temporomandibular Joint Disorders in the Elderly	1 hour
5.Barriers to Successful Endodontics in Old Age	1 hour
6.Changes in Teeth Physiology	1 hour
7.Masticatory Function and Nutritional Status: Considerations for an Ageing Population	1 hour
8.Carious Destruction of the Remaining Teeth: Diagnostic and Treatment	1 hour
9.Complete Denture Rehabilitation	1 hour
10.Implant-Supported Overdentures:Benefits and Risks	1 hour
11.Evaluation of Transitional or Immediate Complete Dentures	1 hour

12.Physiological Design in Complete Dentures	1 hour
13.Management Principles for TMJ Disorders in the Elderly	1 hour
14.Psycho-Geriatric Behavior and Dental Anxiety	1 hour
<b>Minimal bibliography</b>	
1. Mersel Alexandre – editor, Oral Rehabilitation for Compromised and Elderly Patients- Springer 2019,ISBN 978-3-319-76128-2 ISBN 978-3-319-76129-9 (eBook) © Springer International Publishing AG, part of Springer Nature 2019 2. The 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**

To become a good dentist, it is necessary to know the theoretical concepts related to the geriatric patient and their practical application. The concepts taught in this discipline represent the basis of this branch of medicine involving the geriatric patient. Professionalism is based on permanent information, updated according to the specialized literature, active participation in research in the field of dental medicine, especially in this side, which takes into account the treatment of the geriatric patient, by knowing all the particularities of this category of patients.

**Mode of transmission of information:**

Forms of activity	Teaching methods used
Course	Power point presentation

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 %
<b>Describe the practical ways of final assessment, E:</b> E: Written work (descriptive – 5 questions)	
Minimum requirements for 5 grade (Or how to assign 5 grade)	Minimum requirements for 10 grade (Or how to assign 10 grade)
50% result after adding up the weighted scores	100% result after adding up the weighted scores

Date of completion

**12.09.2025**

Director of the Department,  
**Prof. PhD Comăneanu Raluca Monica**

Course holder,  
**Assoc. Prof. PhD Bănăţeanu Andreea Mariana**

Laboratory holder,  
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Date of approval in the Department  
**17.09.2025**