



**“CAROL DAVILA” UNIVERSITY
OF MEDICINE AND PHARMACY BUCHAREST**
Faculty of Dentistry
Dental Medicine in English



DISCIPLINE GRID

1. Programme:

1.1.	CAROL DAVILA UNIVERSITY OF MEDICINE AND PHARMACY BUCHAREST
1.2.	FACULTY OF DENTISTRY / 2nd DEPARTMENT
1.3.	DIVISION: SCIENTIFIC RESEARCH METHODOLOGY - ERGONOMICS
1.4.	STUDY DOMAIN: Health, sectoral regulated within European Union
1.5.	STUDY LEVEL: LICENCE AND MASTER OFFERED TOGETHER
1.6.	STUDY PROGRAMME: DENTAL MEDICINE IN ENGLISH

2. Discipline:

2.1.	DISCIPLINE NAME: METHODOLOGY OF DISSERTATION THESIS PREPARATION AND PRESENTATION						
2.2.	LOCATION: Str Eforie nr 4-6, Sector 5, Bucuresti						
2.3.	Lectures tenure: Cristina Teodora PREOTEASA, Assoc Prof						
2.4.	Practical classes tenure: Anca Axante, Teaching assistant; Cristina Pirvu, Lecturer						
2.5. Study year	III	2.6. Semester	V	2.7. Evaluation	Colloquium	2.8. Type of discipline	ED/SD

3. Estimated total time (hours/semester)

No. hours/week	1	out of which	Lectures: 1	Laboratory session: 1
Total hours out of learning schedule	28	out of which	Lectures: 14	Laboratory sessions: 14

Time distribution	hours
Textbook study, lecture support, bibliography and notes	9
Supplementary documentation activity in the library, on online platforms	4
Practical activity support material, homework, portfolio and essays	4
Tutorial activity	2
Examinations	2
Other activities	1
Total hours of individual study	22
Total hours per semester	50
Credits	2

4. Preconditions

4.1. curriculum	Scientific research methodology Medical informatics and biostatistics
4.2. proficiencies	Knowledge on critical appraisal of articles reporting original researches, and on the usage of online databases to find scientific evidence

5. Conditions

5.1. for lecture activity	Minimum 40 seats conference hall, laptop, video projector, internet and scientific database access
5.2. for laboratory activity	Seminar classroom with desks and chairs, white board, laptop, video projector, internet connection, scientific database access, statistical software. Dental office for practical applications.

6. Accumulated skills

6.1. Proficiencies <i>(knowledge and abilities)</i>	<p>I. Knowledge (cognitive dimension) Knowing the particular aspects of the preparation and presentation of dissertation thesis in the medical and dental field. Knowing general aspects regarding scientific writing and communication, applied in a dissertation thesis. Compliance with publication and research ethics regulations and guidelines.</p> <p>II. Abilities (functional dimension) Ability to state the title and the plan, and outline the research protocol for the dissertation thesis. Ability to do a critical appraisal of previous dissertation thesis Ability to outline a feasible research protocol for the dissertation thesis, taking into account various constraints e.g., ethical; human, material and time resources</p>
6.2. Transversal skills <i>(role, professional and personal development)</i>	<p>III. Role skills Communication, teamwork, critical thinking, problem-solving skills Correct use of scientific style, both orally and in writing</p> <p>IV. Professional and personal development skills Proving preoccupation for professional development Being open to continuous education per life Being able to use information and communication technology Proving interest for participation in scientific activities</p>

7. Objectives (based on the grid of acquired specific skills)

7.1. General Objective	Understanding the preparation and presentation method of the dissertation thesis.
7.2. Specific Objectives	<p>Knowing how to formulate the title and the research plan for a dissertation thesis. Mastering the necessary skills and competences for finding scientific evidence for the dissertation thesis. Knowing how to correctly write a literature review, while respecting copyright regulations. Knowing how to conduct and communicate research findings in a dissertation thesis</p>

8. Content

8.1. Lectures	No. hrs/topic	Teaching method	Obs.
1. General considerations regarding the dissertation thesis. Selecting the scientific coordinator and the theme. Formulation of the title and dissertation thesis plan. Application procedure for the registration of the dissertation thesis.	2	Lecture, interactive presentation, power point video presentation	
2. Dissertation thesis structure and layout – general presentation	2		
3. General facts regarding writing of the dissertation thesis - scientific writing style and medical terminology.	2		
4. Writing and presentation of literature review on the topic of the dissertation thesis - identifying, organizing and presenting the scientific information; avoiding plagiarism in academic writing.	2		
5. Preparation and presentation of the original research carried out for the dissertation thesis – establishing the research question and protocol, considering aspects as feasibility and validity; general features and particularities of conducting and reporting different types of researches e.g., systematic review, <i>in vitro</i> or <i>in vivo</i> researches.	2		
6. Using communication and information technology for the dissertation thesis accomplishment e.g., formatting the thesis document as layout, table of contents, inserting citations; creating the database for the collected data; doing statistical analysis.	2		
7. Submission of dissertation thesis, its presentation and evaluation.	2		

8.2 Laboratory Sessions	No. hrs/topic	Teaching method	Obs.
1. General presentation and exemplification of dissertation thesis	2	Practical and theoretical applications using conventional and digital frameworks, working individually or in micro groups, case studies, debates	
2. Dissertation thesis title and plan formulation exercises	2		
3. Documentation exercises using scientific databases, for the dissertation thesis. Academic writing exercises, using the scientific writing style and avoiding plagiarism.	2		
4. Qualitative research writing and presentation exercises, in accordance with dissertation thesis requirements.	2		
5. Quantitative research writing and presentation exercises, in accordance with dissertation thesis requirements.	2		
6. Software exercises used for dissertation thesis accomplishment e.g., for writing, presentation, inserting citations, data analysis and presentation	2		
7. Oral presentation exercises of the dissertation thesis. Critical appraisal of finalized dissertation thesis.	2		

8.3. Bibliography for lectures and laboratory/practical sessions

1. Lectures and seminars notes
2. Preoteasa CT, Buzea MC, Imre M, Ranga RC, Preoteasa E. Reporting ethics approval and informed consent of in vivo researches in dental journals. Rom J Leg Med 2018; 26(3): 323-328.
3. Preoteasa CT (2017). Redactarea lucrarilor stiintifice medicale. Bucuresti:Editura Universitara.
4. Preoteasa CT, Preoteasa E. Current trends in publishing in dentistry. Romanian Journal of Oral Rehabilitation. 2016; 8(4):52-56.
5. Peacock JL, Peacock PJ (2013) Oxford Handbook of Medical Statistics. Oxford:Oxford University Press.

9. Corroborating the contents of the discipline with the expectations of epistemic community representatives, professional associations and employers in the fields representative for the program

In order to draw up the content, to choose the teaching/learning method, the titular members attended national and international congresses where they had the opportunity to exchange experience with other specialists in the domain, titular in other universities. Identification of the needs and expectations of the employers in the field has been attempted, together with coordinating the programme with others similar, developed in other higher education institutions.

Evaluation

10.1 Evaluation			
Activity type	Evaluation Criteria	Methods of evaluation	% out of final grade
Lecture	<p>A. Knowledge for mark 5: Basic knowledge of the accomplishment, writing and presentation of the dissertation thesis in the medical and dental field.</p> <p>B. Additional knowledge for mark 10 In-depth knowledge of the accomplishment, writing and presentation of the dissertation thesis in the medical and dental field.</p>	<p>Colloquium Oral examination covering aspects related to preparation and presentation of the dissertation thesis in the medical and dental field, based on analysis and critical assessment of finished thesis (e.g., as structure, research methodology and findings, thesis formatting, sources of documentation, citing style, formatting the bibliography)</p>	70%
Laboratory Sessions	<p>A. Knowledge for mark 5: Knowledge of dissertation thesis structure.</p> <p>B. Additional knowledge for mark 10 In-depth knowledge of the accomplishment, writing and presentation of the dissertation degree in the medical and dental field.</p>	<p>Practical assessment Assessment of a proposal for the title, plan and research protocol developed for a dissertation thesis</p>	30%
Minimum performance standards			
Knowledge of the basic elements regarding the preparation and presentation of the dissertation thesis in the medical and dental field			

Date:

31.05.2024

Chair of Scientific research methodology and Ergonomics Division,

Cristina Teodora Preoteasa, Assoc Prof

**Date of the approval in
Department Board:**

Department director,

Alexandru Bucur, Prof