



UNIVERSITY OF THE EAST
Graduate School
Manila

Master of Science in Dental Education (MSDE)		
Thesis		
	Core	Units
GRR 7501	Statistical Methods Applied to Research	3
GRR 7502	Research Methods across Disciplines	3
GED 7102	Socio-Cultural and Psychological Foundations of Education	3
GED 7200	Application of Current Technology in Higher Education	3
GED 7300	Teaching and Learning in Higher Education	3
		15
Major		
GDE 7205	Advancements in Endodontics and Periodontics	3
GDE 7208	Legal Aspects of Dental Evidence Presentation	3
GED 7209	Multidisciplinary Approach to Treatment Planning and Management	2
GDE 7301	Methods of Assessment in Higher Education	3
GDO 7204	Current Trends in Orthodontics and Pediatric Dentistry	3
GDO 7206	Modern Approaches in Oral Maxillofacial Surgery and Implant Dentistry	3
GDP 7206	Emerging Concepts and Techniques in Prosthetic and Restorative Dentistry	3
		20
GRR 7700	Comprehensive Examination	-
GRR 7980	Thesis 1	3
GRR 7990	Thesis 2	3
	At least one (1) publication in refereed journal or juried creative work.	6
	Total	41

CORE

GRR 7501 Statistical Methods Applied to Research

Fundamentals of statistics as applied to master's degree research, including population, sample, parameter, statistics, and variable; the branches of statistics, sources of data, sampling concepts, sample selection methods; analysis and interpretation of data using statistics software (3 units)

GRR 7502 Research Methods across Disciplines

Methods and designs, concepts, processes, tools and interpretation of results of research in different disciplines (3 units; Prerequisite: GRR 7501)

GED 7102 Socio-Cultural and Psychological Foundations of Education

Application of psychological and socio-cultural foundations of education. This is a survey course describing the psychological and socio-cultural foundations bases of education. Covers the application of psychology to education, the determinants of behavior, how students learn, the transfer and management of learning, emotional, physical and social factors in learning and teacher-student relationships. It also examines the profession of teaching, the diverse population with whom teachers work, and the impact of curriculum, technology and school organization on the classroom and the profession. (3 units)

GED 7200 Application of Current Technology in Higher Education

Educational technologies relevant to the teaching content using online learning and related teaching tools. (3 units)

GED 7300 Teaching & Learning in Higher Education

An integration of all aspects of instruction available to the student in the identification of learning objectives and outcomes and assessment of results (3 units)

MAJOR

GDE 7205 Advancements in Endodontics and Periodontics

The course deals with advanced competency related to diagnosis and management of patients having pulpal and periapical conditions as well as traumatic injuries in the periodontium. The role of endodontic therapy in the multidisciplinary approach in the overall management is being emphasized. (3 units)

GDE 7208 Legal Aspects of Dental Evidence Presentation

The course deals with the study of correct professional handling, examination, interpretation and presentation of dental evidences before the legal authorities. It covers anatomy and forensic anthropology, oral and forensic pathology which is appropriate for students to pursue an academic study about forensic odontology or forensic dentistry. (3 units)

GED 7209 Multidisciplinary Approach to Treatment Planning and Management

Deals with interdepartmental preparation, presentation and evaluation of the interrelated advanced dental specialty cases with emphasis on multidisciplinary management, including diagnosis and treatment. (3 units)

GED 7301 Methods of Assessment in Higher Education

Historical development of test measurement, functions and qualities of good measuring instruments, different steps in constructing teacher-made tests and improving reliability of test instruments. (3 units)

GDO 7204 Current Trends in Orthodontics and Pediatric Dentistry

The course deals with advanced theoretical and practical knowledge in implementing orthodontic techniques in the management of pediatric patients. It includes familiarity with the dental and biomedical sciences relevant to orthodontics or dentofacial anomalies in children and young adults.(3 units)

GDO 7206 Modern Approaches in Oral Maxillofacial Surgery and Implant Dentistry

The course is designed to extend basic knowledge of oral surgery to an advanced level on diagnosis, patient assessment especially medically compromised cases. It includes advanced surgical principles and techniques in relation to implant dentistry to provide supportive care in the maintenance of implant prostheses and biological complications. (3 units)

GDP 7206 Emerging Concepts and Techniques in Prosthetic and Restorative Dentistry

The coursework deals with advanced knowledge of the principles and techniques of the different cases of prosthodontics. It also involves the management of advanced restorative cases using multidisciplinary approach and concepts. (3 units)

GRR 7700 Comprehensive Examinations

Prerequisite: Completion of all course work. (0 units)

GRR 7980 Thesis 1

Selection and presentation of research topic, writing and oral defense of research proposal (3 units;
Prerequisite: GRR 7700 Comprehensive Examinations)

GRR 7990 Thesis 2

Conducting, writing and oral defense of master's thesis approved in Thesis 1 (3 units; Prerequisite: GRR
7980 - Thesis 1)

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