

UNIVERSITY OF MARYLAND, DENTAL SCHOOL
YEAR I – TEXTBOOK LIST – 2009 – 2010

REQ-Required Texts; other texts recommended. It is important to purchase your texts in the year they are originally required. The bookstore does not stock old editions for purchase in subsequent years. The bookstore returns unsold books on or about October 1 for courses in the fall semester and February 15 for courses in the spring semester.

TITLE	AUTHOR	EDITION	YEAR	PUBLISHER/ ISBN
BMAT 518 – Dental Biomaterials 1 (SEMESTER I and II) --Dr. Huakun Xu – Extension 6-7047				
Craig’s Restorative Dental Materials (REQ)	Powers & Sakaguchi	12 th	2006	Elsevier, 978-0-3-2303606-1
ODSC 511C – CELL AND MOLECULAR BIOLOGY – (SEMESTER I – Start Date August 7) --Dr. Franklin – Extension 6-7259				
Essential Cell Biology (REQ)	B. Alberts et al.	2nd	2004	Garland Science/ Taylor & Francis Group, 978-0-8-1533480-4
¹ A Color Textbook of Histology (REQ)	Gartner & Hiatt	3 rd	2006	Saunders 978-1-4-1602945-8
NPSC 512P – PHYSIOLOGY (SEMESTER II – Start Date February) – Dr. Ke Ren – Extension 6-3250				
Textbook of Medical Physiology (REQ)	Guyton & Hall	11 th	2006	W. B. Saunders 978-0721602400
A Color Textbook of Histology (REQ)	Gartner & Hiatt	3 rd	2006	Saunders 978-1416029458
ODSC 511V – NUTRITION (SEMESTER I – Start August) – Dr. Bashirelahi – Extension 6-7138				
Lippincott’s Illustrated Reviews: Biochemistry (REQ)	Pamela C. Champe & Richard A. Harvey	4th	2008	Lippincott, Williams & Wilkins 978-0-7-8176960-0
NPSC 518C – CASE BASED CONFERENCES (SEMESTER I) Dr. Stone – Extension 6-1269 – no textbook				
EBDM 512 – PRINCIPLES OF SCIENTIFIC EVIDENCE (SEMESTER II- Start August)--Dr. Macek - Extension 6-4218 (Same as OHCS 511, Semester I)				
Dentistry, Dental Practice and The Community	Burt & Eklund	6th		Elsevier 978-0721605159
FOUN 511 – DENTAL ANATOMY AND OCCLUSION (SEMESTER I- August) – Dr. Garrett --Extension 6-7047				
Wheeler’s Dental Anatomy, Physiology, and Occlusion (REQ)	Ash and Nelson	8 th	2003	Elsevier, 978-0-7-2169382-8
Management of Temporomandibular Disorders and Occlusion (REQ)	Jeffrey P. Okeson	6th	2007	Elsevier, 978-0323046145
TMJ Occlusion Atlas: Electronic Atlas of Human Occlusion and the Temporomandibular Joint	C. Goodacre	1 st	2008	eHuman, Brown and Herbranson Imaging
² Essentials of Oral Histology and Embryology (REQ)	Gartner	3 rd	2000	Jen House 978-0910841108
FOUN 518A – OPERATIVE DENTISTRY (SEMESTER I, II– Start Date- November) –Dr. Bradbury - Extension 6-7047				
Fundamentals of Operative Dentistry— A Contemporary Approach (REQ)	Summitt, Robbins, Schwartz	3 rd	2006	Quintessence 978-0867154528

¹ Also required for Physiology

² Required for Gross Anatomy and Dental Anatomy and Occlusion

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GPAT 512 – GENERAL PATHOLOGY (Semester II) Dr. Couwenhoven - Extension 6-7936)				
Essentials of Rubin's Pathology (REQ)	Rubin	5th	2008	Elsevier 978-0781795166
MICP 511M – MICROBIOLOGY AND IMMUNOLOGY (SEMESTER 1) – Dr. Strauch – Ext 6-1815				
Medical Microbiology (REQ)	Murray, Pfaller & Rosenthal	5th 6th	2005 2009	Elsevier 978-0-3-2303303-9 978-0-3-2305470-6
NPSC 512N - NEUROSCIENCE (SEMESTER II – Start Date January) -- Dr. Dessem – Extension 6-7257				
Neuroscience (REQ) (also recommended for Anatomy)	Purves, et al	4 th	2006	Sinauer Associates, Inc. 978-0878936977
NPSC 518A - GROSS ANATOMY (SEMESTER I, II -Start Date – October) --Dr. Capra – 6-4219				
Textbook of Head & Neck Anatomy (REQ) (3 rd edition also acceptable)	Hiatt & Gartner	4 th	2009	Lippincott, Williams & Wilkins 978-0781721660
Essentials of Oral Histology and Embryology (REQ)	Gartner	3 rd	2000	Jen House 978-0910841108
Essential Clinical Anatomy	Moore & Agur	3 rd	2007	Lippincott, Williams & Wilkins 978-0781762748
Grant's Atlas of Anatomy (REQ)	Agur and Dalley	12 th	2009	Lippincott, Williams & Wilkins 978-0-7-8177055-2
Electronic Media (Optional)				
Primal Pictures 3-D Anatomy of the Head And Neck	Online access			
NPSC 512N - NEUROSCIENCE (SEMESTER II – Start Date January) -- Dr. Dessem – Extension 6-7257				
Neuroscience (REQ) (also recommended for Anatomy)	Purves, et al	4 th	2006	Sinauer Associates, Inc. 978-0878936977
OHCS 511 - PERSPECTIVES IN ORAL HEALTH CARE SERVICES – (SEMESTER I – Start Date August) Dr. Cohen – Extension 6-7289				
Dentistry, Dental Practice and The Community	Burt & Eklund	6th		Elsevier 978-0721605159
OMIC 512 – ORAL MICROBIOLOGY – (SEMESTER II) – Dr. Minah – Extension – 6-7539				
PERI 511 –BASIC SCIENCE OF PERIODONTAL DISEASE (SEMESTER I– Start Date August) PERI 518A – PERIODONTAL ASSESSMENT & INSTRUMENTATION (SEMESTER I and II, Start Date November) Dr. Branch-Mays -- Extension 6-7153				
Carranza's Clinical Periodontology (REQ)	Newman, Takei, Klokkevoeld & Carranza	10th	2006	Elsevier 978-1-4160-2400-2

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TITLE	AUTHOR	EDITION	YEAR	PUBLISHER
PROF 518 – THE PROFESSION/PROFESSIONALISM (SEMESTER I – Start Date August) –Dr. Gordon/Dr. Meiller - Extension 6-7934				
Ethical Questions in Dentistry	Rule & Veatch	2nd		Quintessence 0-86715-443-8
RADI 518 – RADIOLOGY (SEMESTER I, II - Start Date August) - - Extension 6-7628				
Oral Radiology: Principle and Interpretation (REQ)	White & Pharoah	6th	2009	Elsevier 978032304983

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