FAU FLORIDA ATLANTIC UNIVERSITY	**NEW/CHANGE PROGRAM REQUEST** **Graduate Programs**	UGPC Approval _____ UFS Approval _____ Banner Posted _____ Catalog _____
	Department Biomedical Science **College** Charles E. Schmidt College of Medicine	

Program Name		**Effective Date** *(TERM & YEAR)*
Medical Doctorate	☐ **New Program** ☑ **Change Program**	Summer 2019

Please explain the requested change(s) and offer rationale below or on an attachment

In preparation for the interim SACS review the College of Medicine (COM) was contacted on September 17, 2018 regarding SACSCOC 10.7 for evidence specific to the COM's credit hour policy and COM's procedures that ensure adherence to a credit hour policy. The Senior Associate Dean for Medical Education (Sarah Wood, MD) was provided the FAU Memorandum- Policies and Procedures: Definitions of a Credit Hour (July 28, 2015). Based upon the definition in the July 28, 2015 FAU Memorandum of how a credit hour is defined and calculated a review of COM's course catalogue credit hours was completed and found the following errors:

BMS 6015: Foundations of Medicine (12 cr.) should be (10 cr.)
BMS 6020: Neuroscience and Behavior (10 cr.) should be (9 cr.)
BMS 6541: Pathophysiology and Therapeutics 1 (7 cr.) should be (8 cr.)
BMS 6542: Pathophysiology and Therapeutics 2 (13 cr.) should be (11 cr.)
BMS 6543: Pathophysiology and Therapeutics 3 (10 cr.) should be (9 cr.)
BMS 6544: Pathophsiology and Therapeutics 4 (7 cr.) should be (6 cr.)

All COM courses, approved prior to the admission of the inaugural class, have been unchanged in format, structure or contact hours since their inception. The remainder of the COM courses are in compliance with the July 28, 2015 FAU Memorandum and the credit hours are accurate. We are unable to ascertain the exact reason for this anomaly. Our best interpretation, as there have been no structural changes to courses that would effect credit hours, is a simple mathematical error as all other courses are in compliance.

Faculty Contact/Email/Phone	**Consult and list departments that may be affected by the change(s) and attach documentation**
Sarah K. Wood, MD swood31@health.fau.edu 561-297-4150	N/A

Approved by		***Date***
Department Chair	Janet D Robertshaw	11/30/18
College Curriculum Chair	E. Gundersen	11/30/18
College Dean		11/30/18
UGPC Chair	Pat R Pate	1/23/19
UGC Chair		1/29/19
Graduate College Dean	Khaled Sobhan	1/31/19
UFS President		
Provost		

Email this form and attachments to UGPC@fau.edu one week before the UGPC meeting so that materials may be viewed on the UGPC website prior to the meeting.

FAUprogramchangeGR, created December 2017

GRADUATE COLLEGE

JAN 10 2019

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Charles E. Schmidt College of Medicine

Required Courses
The following table lists required courses for the medical program.

Year 1 Courses		
Foundations of Medicine 1	BMS 6015	~~12~~ 10
Foundations of Medicine 2	BMS 6016	13
Neuroscience and Behavior	BMS 6020	~~10~~ 9
Fundamentals of Biomedical Science	BMS 6031	21
Pathophysiology and Therapeutics 1	BMS 6541	~~7~~ 8
Year 2 Courses		
Foundations of Medicine 3	BMS 6017	21
Pathophysiology and Therapeutics 2	BMS 6542	~~13~~ 11
Pathophysiology and Therapeutics 3	BMS 6543	~~10~~ 9
USMLE Step 1 Review	BMS 6960	6
Pathophysiology and Therapeutics 4	BMS 6544	~~7~~ 6
Year 3 Courses		
Synthesis and Transition	BMS 6405	4
Medical and Surgical Sciences LIC	MDC 7012	10
Family and Community Health Sciences LIC	MDC 7011	10
Internal Medicine Clerkship	MDC 7200	25
Obstetrics and Gynecology Clerkship	MDC 7180	20
Pediatrics Clerkship	MDC 7400	20
Psychiatry Clerkship	MDC 7830	20
Surgery Clerkship	MDC 7600	25
Community and Preventative Medicine Clerkship	MDC 7120	14
Year 4 Courses		
Elective Rotation	MDE 8011	6-12
Transition to Residency	MDE 8067	6
Acting Internship Rotation	MDI 8010	12
Selective Rotation	MDS 8011	12

Charles E. Schmidt College of Medicine

Course Descriptions

Graduate Courses

Foundations of Medicine 1 (BMS 6015) ~~12~~ 10 credits
Prerequisite: Medical students only
Provides students with an understanding of the fundamental principles necessary to become a competent, compassionate, informed, professional and conscientious physician with unique opportunities for direct patient care. Assists students in developing the knowledge, skills, attitudes and behaviors needed to interview and examine the patient, to answer clinical questions, to understand the importance of patient advocacy and disease prevention, to explore the barriers to healthcare and to instill the foundation for the ethical and legal framework of patient care.

Foundations of Medicine 2 (BMS 6016) 13 credits
Prerequisites: Medical students only; BMS 6015
A continuation in the Foundations of Medicine series. Provides students with an understanding of the fundamental principles necessary to become a competent, compassionate, informed, professional and conscientious physician with unique opportunities for direct patient care. Assists students in developing the knowledge, skills, attitudes and behaviors needed to interview and examine the patient, to answer clinical questions, to understand the importance of patient advocacy and disease prevention, to explore the barriers to healthcare and to instill the foundation for the ethical and legal framework of patient care.

Foundations of Medicine 3 (BMS 6017) 21 credits
Prerequisites: Successful completion of the first year of the medical program; BMS 6015, BMS 6016
A continuation in the Foundations of Medicine series. Provides students with an understanding of the fundamental principles necessary to become a competent, compassionate, informed, professional and conscientious physician with unique opportunities for direct patient care. Assists students in continuing to develop the knowledge, skills, attitudes and behaviors needed to interview and examine the patient, to answer clinical questions, to understand the importance of patient advocacy and disease prevention, to explore the barriers to healthcare and to instill the foundation for the ethical and legal framework of patient care.

Neuroscience and Behavior (BMS 6020) ~~10~~ 9 credits
Prerequisite: Medical students only
Provides the basic concepts and vocabulary in the areas of neuroanatomy, neurophysiology, sensory systems, neurochemistry, neuropharmacology, neuropathology, neurology and psychiatry. Uses an integrated approach combining lectures, problem-based learning (PBL) and anatomy laboratory instruction. The PBL sessions in small groups provide the fundamental knowledge of common neurological and psychiatric disorders, complemented by lectures for specific diseases. The presentation of the neuroanatomy component emphasizes correlations with clinical cases and leads to the localization of brain lesions. The instruction in gross anatomy of the head and neck are integrated with clinical correlates.

Fundamentals of Biomedical Science (BMS 6031) 21 credits
Prerequisite: Medical students only
Provides students with a broad function in critical biomedical science subject areas, including biochemistry, molecular biology, cell biology, genetics, pharmacology, pathology, physiology, histology, anatomy and embryology.

Integrated Morphology 1 (BMS 6102C) 4 credits
Prerequisite: Permission of instructor
This course involves the developmental, microscopic and gross anatomical features of the organs located in the thorax and abdomen of the human. A laboratory includes a cadaveric dissection experience and examination of tissue samples using virtual microscopy.

Integrated Morphology 2 (BMS 6104C) 4 credits
Prerequisite: Permission of instructor
This course involves the gross anatomical features of the structures of the back, limbs, head and neck of the human. A laboratory includes a cadaveric dissection experience.

Clinical Microbiology (BMS 6303) 3 credits
Prerequisite: MCB 3020
Students learn the relevant facts and principles underlying bacteria, parasites, pathogenicity and host resistance. Armed with this fundamental information, students will then be capable of understanding and utilizing contemporary modes of treatment and prevention.

Synthesis and Transition (BMS 6405) 4 credits
Prerequisite: Successful completion of all previous courses in the M.D. program
A three-week course at the beginning of Year 3 designed to help students synthesize knowledge and prepare for a smooth transition to the Year 3 clerkships. The course includes (1) a Case Seminar, a complex multidisciplinary PBL/IQ case that focuses on differential diagnosis and treatment decisions; (2) Sim center and interactive work on clinical reasoning and clinical skills building; and (3) orientation to the Year 3 clerkships.

Autonomic Function and Diseases (BMS 6523) 3 credits
Prerequisite: Permission of instructor
Course covers both the physiological and clinical study of the autonomic nervous system (ANS) emphasizing the neural circuitry aspects of systemic regulation. Topics are introduced in lectures and followed up by recent journal articles.

Pathophysiology and Therapeutics 1 (BMS 6541) ~~7~~ 8 credits
Prerequisite: BMS 6020
Provides the basic concepts and vocabulary in the areas of the anatomy, chemistry, histology, microbiology, pathology, pharmacology and physiology of the gastrointestinal and hepatic systems and human nutrition, including normal nutrition and diagnosis and management of common nutritional disorders. Uses an integrated approach by combining lectures, problem-based learning and simulated laboratory instruction.

Pathophysiology and Therapeutics 2 (BMS 6542) ~~13~~ 11 credits
Prerequisite: BMS 6541
An 11-week course in the fall semester of year two. Provides the basic concepts and vocabulary in the areas of the anatomy, chemistry, histology, microbiology, pathology, pharmacology and physiology of the cardiovascular system, the respiratory system and related components of the hematologic system. Uses an integrated approach by combining lectures, problem-based learning and simulated laboratory instruction.

Pathophysiology and Therapeutics 3 (BMS 6543) ~~10~~ 9 credits
Prerequisites: BMS 6541 and 6542
A nine-week course in the fall semester of year two. Provides the basic concepts and vocabulary in the areas of the anatomy, chemistry, histology, microbiology, pathology, pharmacology and physiology of the renal system, the endocrine system, the reproductive system and related components of the hematologic system. Uses an integrated approach by combining lectures, problem-based learning and simulated laboratory instruction.

Pathophysiology and Therapeutics 4 (BMS 6544) ~~7~~ 6 credits
Prerequisites: BMS 6541, 6542, 6543
A six-week course in the spring semester of year two. Provides the basic concepts and vocabulary in the areas of the anatomy, chemistry, histology, microbiology, pathology, pharmacology and physiology of the immunologic system, mechanisms of host-defense, infectious disease, including public health aspects, and common hematologic malignancies. Revisits and expands on concepts of immunity and infection and includes diseases of the dermatologic system and the eye. Uses an integrated approach by combining lectures, problem-based learning and simulated laboratory instruction.

Fundamentals of General Pathology (BMS 6601) 3 credits
Covers the basic pathophysiology of mechanisms of disease in medicine and incorporates gross pathologic, microscopic and radiologic material to assist in understanding fundamental disease.

Brain Diseases: Mechanism and Therapy (BMS 6736) 3 credits
Prerequisite: Permission of instructor
Discussion of the molecular and cellular basis of brain diseases and of the current status of therapeutic intervention for those diseases.

Directed Study Medicine (BMS 6900) 1-12 credits
Prerequisite: Medical students only
A College of Medicine course in which medical students pursue directed independent work under the guidance of a faculty member.

USMLE Step 1 Review (BMS 6960) 6 credits
Prerequisites: Successful completion of all previous courses in the M.D. program
A College of Medicine course in which medical students pursue directed independent study with faculty support and resources in preparation for the USMLE Step 1 Examination.