


Name of Policy: College of Medicine and Life Sciences: Curriculum for the College of Medicine and Life Sciences		 <p>Effective date: September 28, 2020</p> <p>Original effective date: 09/07/17</p>	
Policy Number: 3364-81-13			
Approving Officer: Dean, College of Medicine and Life Sciences			
Responsible Agent: Associate Dean for Foundational Science Curriculum, Associate Dean for Clinical Undergraduate Medical Education Senior Associate Dean for Undergraduate Medical Education, Assistant Dean for Assessment and Accreditation			
Scope: College of Medicine and Life Sciences M.D. Program			
<input type="checkbox"/>	New policy proposal	<input checked="" type="checkbox"/>	Minor/technical revision of existing policy
<input type="checkbox"/>	Major revision of existing policy	<input type="checkbox"/>	Reaffirmation of existing policy

(A) Policy statement

This policy provides information related to the four-year curriculum of the COMLS. Students successfully completing this program will be granted a MD degree.

(B) Purpose of policy

This policy provides a framework for medical education in the four-year curriculum.

(C) Scope

This policy applies to medical students in the M.D. program in the College of Medicine and Life Sciences.

(D) Procedure

The UTCOMLS curriculum is under continuous evaluation and review and is therefore subject to revision at any time. Revisions in the curriculum apply to all currently enrolled students, unless stated otherwise.

(E) Four-year Curricular Organization/Plan

The **Foundational Science Curriculum** (M1-M2 Academic Years) spans the first 18 months of the MD program. The M1-M2 academic years consists of 4 integrated threads which contain systems that include cell biology, biochemistry, genetics, anatomy, embryology, histology behavioral sciences, systems pathology, systems physiology, neuroscience, immunity, infectious disease and pharmacology.

The Principles of Clinical Medicine curriculum is an integrated course that is longitudinal across the foundational science curriculum. This component of the curriculum encompasses medical ethics, clinical decision making, clinical reasoning, communications & interprofessional education, population health, patient safety and business of medicine. In parallel with the foundational science curriculum, students participate in several important topics that involve diversity, implicit bias, social determinants of health and cultural humility.

Concurrent with the integrated foundational science curriculum, students are assigned and participate in an integrated clinical experience that takes place in outpatient clinical sites. Students are also encouraged to be active participants in a diverse number of preclinical electives.

The **Third Academic Year (M3)** contains the majority of the required clinical clerkships. Preceding the start of the required clerkships, all students are required to participate in a one-week Bridge to Clerkship course. The required clerkships consists of Internal Medicine, 10 weeks; Surgery, 10 weeks; Pediatrics, 5 weeks; Obstetrics/Gynecology, 5 weeks; Family Medicine, 5 weeks, Neurology, 5 weeks; Psychiatry, 5 weeks; and a required 4 week elective rotation that has to be completed within the UTCOMLS and its affiliated health systems.

The **Fourth Academic Year (M4)** consists predominantly of elective clerkship experiences. Elective credit totaling 36 weeks is required during the fourth year; 32 weeks of those 36 must be in clinical electives. These 36 weeks include a 4 week Acting Internship that must be taken within the UTCOMLS and its affiliated system, a 2 week Emergency Medicine rotation and a 5 week Advanced Clinical Care course. A minimum of 12 weeks of clinical elective clerkships must be taken at UTCOMLS or our affiliated locations. ***Please note**, *Independent Study electives cannot be used to satisfy this requirement.*

All students are required to complete a minimum of 8 weeks of clinical rotations in an Area Health Education Center (AHEC). AHEC sites are located in 19 counties of northwest Ohio, and organized through AHEC centers in Sandusky, Lima, and Bryan, OH. These may constitute part of a required or an elective clerkship. An AHEC rotation taken as part of a required clerkship satisfies the time requirements of both the AHEC and the required clerkship. Most of the AHEC sites are NOT within commuting distance of Toledo. Therefore, students should expect to plan accordingly for living at the AHEC sites.

Some elective clerkships may be performed away from UTCOMLS. To do an away clerkship, students must be registered and in good academic standing. Any student with outstanding grades of incomplete, fail or defer cannot participate in away clerkships. Students with a grade of incomplete, fail or defer maybe permitted to apply for an away clerkship, with the understanding that they can't enroll in the clerkship until they have resumed their good academic standing.

Map of the Four-year Curricular Plan

Integrated Systems-Based Science Curriculum >>>												
M1 Academic Year												
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	
Orientation UTCOMIS	THREAD 1: CELLULAR DISEASE				Comp Exam I & Practical	Winter Break	THREAD 2: BONES-NEURO-BEHAVIOR (BNB)				Comprehensive Exam II	Summer Break
	Human Blueprint 5 weeks	Hematology & Oncology 5 weeks	Immunity 3 weeks	Infectious Disease 6 weeks			Musculoskeletal System 6 weeks	Neuroscience in Health and Disease 8 weeks	Behavioral Science & Psychiatric Medicine 5 weeks			
Longitudinal Threads	Integrated Clinical Science											
	Foundational Sciences: Physiology, Anatomy, Histology, Pathology, Radiology, Pharmacology, Biochemistry, Embryology											
	Principles in Clinical Medicine (PCM): Clinical Skills & Reasoning, Patient Safety, IPE, Population Health, Business in Medicine, Biostatistics, Ethics, Professionalism											
	Career Exploration & Development Research											

Integrated Systems-Based Science Curriculum >>>												
M2 Academic Year												
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April		
Summer Break	THREAD 3: ECOSYSTEMS			Comprehensive Exam III	THREAD 4: CYCLES AND VICES			Comprehensive Exam IV	USMLE Step 1 Prep			Bridges to Clerkships
	Cardiovascular 5 weeks	Pulmonary 5 weeks	Renal 4 weeks		Gastrointestinal 6 weeks	Reproductive 4 weeks	Endocrine 5 weeks		Step 1 Boot Camp	NBME Practice Exam	NBME Qualifying Exam	
Longitudinal Threads	Integrated Clinical Science											
	Foundational Sciences: Physiology, Anatomy, Histology, Pathology, Radiology, Pharmacology, Biochemistry, Embryology											
	Principles in Clinical Medicine (PCM): Clinical Skills & Reasoning, Patient Safety, IPE, Population Health, Business in Medicine, Biostatistics, Ethics, Professionalism											
	Career Exploration & Development Research											

Integrated Systems-Based Science Curriculum												
M3 Academic Year:												
	May	June	July	August	September	October	November	December	January	February	March	April
Clinical Clerkship Training												
Longitudinal Threads	Neurology 5 weeks	Psychiatry 5 weeks	OBGYN 5 weeks	Pediatrics 5 weeks	Family Medicine 5 weeks	Elective 5 weeks	Holiday Break	Surgery 10 weeks	Internal Medicine 10 weeks			
	Integrated Clinical Science					Student Teacher Mentorship						
Longitudinal Threads	Foundational Sciences: Physiology, Anatomy, Histology, Pathology, Radiology, Pharmacology, Biochemistry, Embryology											
	Principles in Clinical Medicine (PCM): Clinical Skills & Reasoning, Patient Safety, IPE, Population Health, Business in Medicine, Biostatistics, Ethics, Professionalism											
	Career Exploration & Development											
	Research											

Integrated Systems-Based Science Curriculum										
M3 Academic Year (amended)										
June	July	August	September	October	November	December	January	February	March	April
Clinical Clerkship Training										
Prep for Clerkship	Neurology 4 weeks	Psychiatry 4 weeks	OBGYN 4 weeks	Pediatrics 4 weeks	Family Medicine 4 weeks	Elective 4 weeks		Surgery 8 weeks	Internal Medicine 8 weeks	
	Integrated Clinical Science						Student Teacher Mentorship			
Longitudinal	Foundational Sciences: Physiology, Anatomy, Histology, Pathology, Radiology, Pharmacology, Biochemistry, Embryology									
	Principles in Clinical Medicine (PCM): Clinical Skills & Reasoning, Patient Safety, IPE, Population Health, Business in Medicine, Biostatistics, Ethics, Professionalism									
	Career Exploration & Development									
	Research									

Integrated Systems-Based Science Curriculum															
M4 Academic Year															
May	June	July	August	September	October	November	December	January	February	March	March	April	May		
Clinical Clerkship Training															
Advanced Clinical Care I				CLINICAL ELECTIVES											
				<i>*includes required Emergency Med elective, max 12 weeks in ACGME Discipline</i>											
Longitudinal Threads	Integrated Clinical Science						Student Teacher Mentorship								
	Foundational Sciences: Physiology, Anatomy, Histology, Pathology, Radiology, Pharmacology, Biochemistry, Embryology														
Principles in Clinical Medicine (PCM): Clinical Skills & Reasoning, Patient Safety, IPE, Population Health, Business in Medicine, Biostatistics, Ethics, Professionalism															
Career Exploration & Development															
Research															

<p>Approved by:</p> <p><u>/s/</u> Christopher Cooper, M.D. Executive VP for Clinical Affairs and Dean, College of Medicine & Life Sciences</p> <p><u>September 28, 2020</u> Date</p> <p><i>Review/Revision Completed by:</i></p> <p>Associate and Assistant Deans for Undergraduate Medical Education Associate Dean for Faculty Development and Curriculum Evaluation Associate Dean for Student Affairs SLT</p>	<p>Policies Superseded by This Policy: None</p> <p>Initial effective date: 09/07/17</p> <p>Review/Revision Date: September 28, 2020</p> <p>Next review date: 09/28/23</p>
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