



CAMPBELL
UNIVERSITY

Jerry M. Wallace
School of Osteopathic Medicine

Curriculum-at-a-Glance

2023-2024

The mission of the Campbell University School of Osteopathic Medicine (CUSOM) is to educate and prepare community-based osteopathic physicians in a Christian environment to care for the rural and underserved populations in North Carolina, the Southeastern United States and the nation.

CUSOM faculty, staff and students value: teamwork, leadership, professionalism, integrity, diversity, and the ethical treatment of all humanity.

We accomplish our mission through a carefully planned systems-based curriculum incorporating traditional lectures, case-based lectures, small group clinical cases, simulation, laboratory experiences, and standardized patient encounters to facilitate osteopathic clinical integration. Vertical and horizontal integration facilitate linkage between course and clinical work across the four years of the curriculum.

Vertical integration refers to the interweaving of clinical skills and knowledge into the basic science years, reinforcing basic science concepts as they apply during the clinical years. Horizontal integration refers to identifying concepts or skills, particularly those that are clinically relevant, that cut across the basic sciences, and then using these as an integrated focus for presentations, clinical scenarios, and course materials.

CUSOM faculty members develop the curriculum through the Curriculum Committee with input from the Course Directors and faculty. Integration is ensured by Block Leaders and discipline experts overseeing the appropriateness of content.

MS-1 and MS-2 YEARS

The CUSOM curriculum is integrated to provide both a strong core of biomedical principles and a robust foundation in clinical sciences including osteopathic principles, clinical skills, and professionalism. Content is delivered in 9-week Blocks over four semesters. The week between Blocks is time for students to have vacation, participate in medical mission trips, or remediate a course when warranted.

Block One and Block Two cover fundamental basic sciences through a set of courses designed to provide optimal integration while providing clarity on discipline-specific concepts.

Blocks Three through Eight integrate basic and clinical sciences using an organ system approach, covering the clinical presentations, underlying pathophysiology, and management of common disease states.

Osteopathic principles are integrated throughout the first two years and also covered in depth during the longitudinal Osteopathic Manipulative Medicine course. Interviewing skills, physical diagnosis, and clinical reasoning are taught in a longitudinal Clinical Skills series. Epidemiology, evidence-based medicine, and research skills are included in Foundations of Medical Practice, while the Professional Core Competencies course addresses medical ethics, medical jurisprudence, humanities, health systems, global health, and professionalism.

MS-1 and MS-2 Systems-Based Curriculum Overview:


FIRST YEAR			
SEMESTER 1 (FALL)		SEMESTER 2 (SPRING)	
Block 1 Integrated Basic Science & Clinical Courses	Block 2 Integrated Basic Science & Clinical Courses	Block 3 Musculoskeletal System	Block 4 Neuroscience & Human Behavior (Psychiatry)
OMED 500 OMM OMED 501 Clinical Skills OMED 502 FMP OMED 503 PCC OMED 511 Cell Biology/Biochemistry OMED 524 Microbiology/ Immunology OMED 530 Anatomy	OMED 504 OMM OMED 505 Clinical Skills OMED 506 FMP OMED 507 PCC OMED 522 Pharmacology OMED 540 Physiology OMED 551 Pathology OMED 560 Anatomy	OMED 508 OMM OMED 509 Clinical Skills OMED 513 FMP OMED 514 PCC OMED 570 Musculoskeletal System OMED 590 Anatomy	OMED 515 OMM OMED 516 Clinical Skills OMED 517 FMP OMED 518 PCC OMED 579 Neuroscience OMED 583 Psychiatry OMED 594 Anatomy

OMM = Osteopathic Manipulative Medicine
FMP = Foundations of Medical Practice
PCC = Professional Core Competencies

SECOND YEAR			
SEMESTER 3 (FALL)		SEMESTER 4 (SPRING)	
Block 5 Cardiovascular & Respiratory Systems	Block 6 Hematology, Dermatology & Renal System	Block 7 Endocrine & Gastrointestinal Systems	Block 8 Reproductive System & Clinical Applications of Biomedical Sciences II
OMED 600OMM OMED 601 Clinical Skills OMED 602 FMP OMED 603 PCC OMED 610 Cardiovascular System OMED 611 CABS I OMED 620 Respiratory System	OMED 604 OMM OMED 605 Clinical Skills MED 606 FMP OMED 607 PCC OMED 631 Hematology OMED 640 Renal System OMED 650 Dermatology	OMED 608 OMM OMED 609 Clinical Skills OMED 613 FMP OMED 614 PCC OMED 670 Endocrine System OMED 680 Gastrointestinal System	OMED 615 OMM OMED 616 Clinical Skills OMED 618 FMP OMED 619 PCC OMED 690 CABS II OMED 695 Reproductive System

OMM = Osteopathic Manipulative Medicine
FMP = Foundations of Medical Practice
PCC = Professional Core Competencies
CABS I = Clinical Applications of Biomedical Sciences I
CABS II = Clinical Applications of Biomedical Sciences II

MS-1 sample week



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BLOCK 1 WEEK 1

2023-2024

Time	Monday, July 31, 2023	Tuesday, August 1, 2023	Wednesday, August 2, 2023	Thursday, August 3, 2023	Friday, August 4, 2023	Time
8:00	Anatomy 01	Anatomy 03	Microbiology / Immunology 02	Cell Biology / Biochemistry 07	Integrated Quiz 1	8:00
8:30	Anatomical Terminology	Neuromuscular Concepts I	Blood & Hematopoiesis	DNA Replication and DNA Repair II	07/31/23 - 08/02/23	8:30
	Dr. Mitchell	Dr. Foster	Dr. Brenseke	Dr. Hammond	Quiz Review	
9:00	Cell Biology / Biochemistry 01	Cell Biology / Biochemistry 03	Microbiology / Immunology 03	Cell Biology / Biochemistry 08	OPTIONAL	
9:30	Introduction to Biochemistry : Water, pH and Buffers	Protein Structure and Function	Leukocytes	Transcription	Study Techniques Development 1	9:00
	Dr. Sparks	Dr. Lushia	Dr. Hamrick	Dr. Lushia	CUSOM ACE	
10:00	Clinical Skills 01	Cell Biology / Biochemistry 04	Cell Biology / Biochemistry 05	Anatomy 04	Clinical Skills 04	9:30
10:30	Introduction to Clinical Skills; 3-OE's	Cell Structure / Cell Membrane	Structure of DNA and RNA	Neuromuscular Concepts II	Large Group Clinical Case (1 Hour/Session)	10:00
	Dr. Lowe-Clayton	Dr. Fink	Dr. Lushia	Dr. Green		10:30
11:00	Clinical Skills 02	OMM 01	Cell Biology / Biochemistry 06	Microbiology / Immunology 04		11:00
11:30	SDL - HIPPA, OSHA, Informed Consent, EMR, SIM Policies and Procedures	Course Orientation; Introduction to Osteopathic Principles	DNA Replication and DNA Repair I	Lymphoid Tissues	Study Time	11:30
	Dr. Lowe-Clayton	Dr. Bringhurst	Dr. Hammond	Dr. Hamrick		12:00
12:00	Lunch	Lunch	Lunch	Lunch		12:30
12:30			Grand Rounds 12:30 - 1:30			1:00
1:00	Cell Biology / Biochemistry 02	OMM Lab 01	Study Time	Anatomy Lab 01		1:30
1:30	Amino Acids and Peptides	Palpation and Principles Exercises	Clinical Skills 03	Living Surface Anatomy		2:00
2:00	Microbiology / Immunology 01		ExamSoft Training	ODD TABLES		2:30
2:30	Introduction to Medical Microbiology and Normal Microbiota	Group A	Practice #1 (1 Hour/Session)	Anatomy Lab 01		3:00
3:00	Anatomy 02	OMM Lab 01		Living Surface Anatomy		3:30
3:30	Skin, Fascia and Surface Anatomy	Palpation and Principles Exercises		EVEN TABLES		4:00
4:00	OMM Pre-Session 01 SDL	Group B	Review of ExamSoft and Mock Exam (30 Mins/Session)	Study Time / ExamSoft Questions to MedEd		4:30
	Week 1 Content - Due 5 pm					Sessions end at 6:00
4:30	Study Time					

Complementing morning lecture/discussions are afternoon labs and skills sessions and include embedded study time. Osteopathic Manipulative Medicine (OMM) and other clinical skills are taught longitudinally throughout the two years in a progression designed to integrate with and provide seamless entry into the MS-3 and MS-4 years. Team-teaching by physicians and basic scientists promotes team learning.

Campbell University places emphasis on interprofessional education (IPE) of health professions students. Entering CUSOM students participate in an introductory IPE event with pharmacy, physician assistant, physical therapy, nursing, and other students within the first Block. Options for additional IPE experiences include case conferences, online activities, topic-based discussion groups, and clinical site-based experiences.

Evaluation includes integrated exams, quizzes and end-of-block and end-of-year evaluations. Weekly quizzes, along with team-based clinical case conferences, help students remain on top of material presented during the week, and provide faculty with contemporaneous assessment of student progress.

MS-3 and MS-4 YEARS

CUSOM students in years three and four are assigned to regional sites in North Carolina and South Carolina where they will participate in clinical experiences within hospital sites for inpatient experiences, in ambulatory practices, and in acute care facilities. All students will spend time in rural medical practices and small and critical access hospitals for an underserved care experience. CUSOM provides the didactic and online curriculum during clinical rotations. Time distribution amongst specific clinical rotations reflects the mission to prepare primary care physicians for underserved areas, while preparing students to enter residency in any specialty.

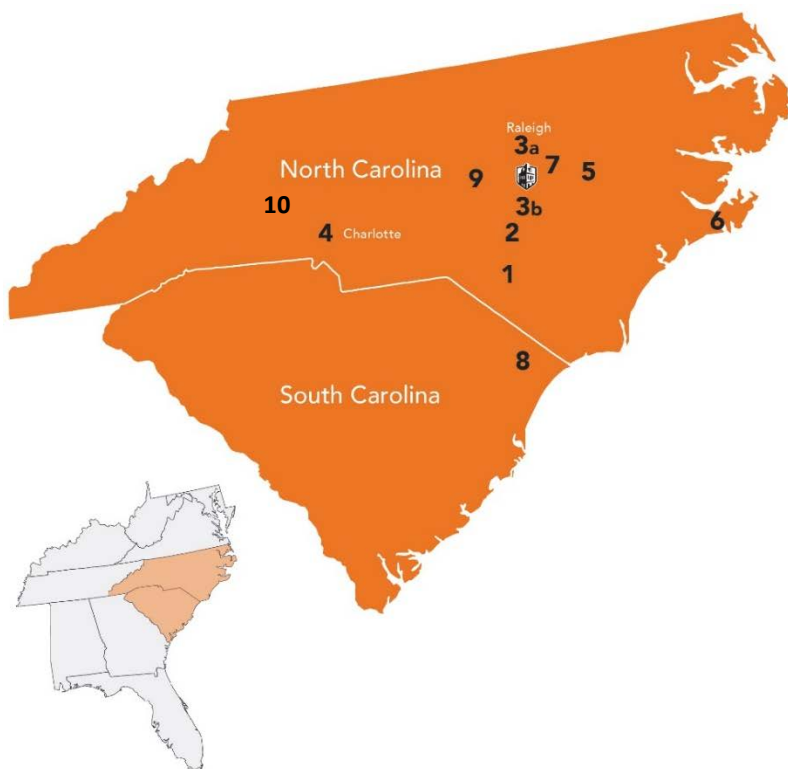
YEAR 3

- Simulation Medicine (4 weeks)
then transition to 3rd year Clinical Rotations
- Family Medicine (4 weeks)
- Medicine I, II (8 weeks)
- Obstetrics/Gynecology (4 weeks)
- Pediatrics (4 weeks)
- Psychiatry/Behavioral Science (4 weeks)
- Rural/Underserved (4 weeks)
- Surgery (4 weeks)
- Medical Selective (4 weeks)
- Medical/Surgery Selective (4 weeks)

YEAR 4

- Residency Development (4 weeks)
then transition to 4th year Clinical Rotations
- Emergency Medicine (4 weeks)
- Geriatrics (4 weeks)
- Electives I, II, III, IV, V (20 weeks)
 - Sub-internship
- Medical Selective (4 weeks)
- Primary Care Selective (4 weeks)
- Surgical Selective (4 weeks)

REGIONAL CLINICAL SITES



11 Regional Clinical Campuses

- Region 1**
Lumberton Regional Campus
Robeson County – 70 miles
- Region 2**
Fayetteville Regional Campus
Cumberland County – 33 miles
- Region 3a**
Wake Regional Campus
Wake County – 30 miles
- Region 3b**
Harnett Regional Campus
Harnett County – 0 miles
- Region 4**
Charlotte Regional Campus
Rowan & Mecklenburg Counties – 130 miles
- Region 5**
Goldsboro Regional Campus
Sampson & Wayne Counties – 51 miles
- Region 6**
Morehead City Regional Campus
Carteret, Onslow & Craven Counties – 147 miles
- Region 7**
Smithfield Campus
Johnston County – 20 miles
- Region 8**
Conway, SC
Horry County – 130 miles
- Region 9**
Sanford, NC
Lee & Moore Counties – 50 miles
- Region 10**
Morganton, NC
Burke County – 197 miles

GRADES

The grade point average (GPA) is the sum of earned grade points divided by the sum of block-hour credits passed and failed. Students are required to remediate any courses within a Block where the student's grade falls below 70.

For the first two years, most courses award traditional letter grades (A, B, C or F) which are calculated into the GPA. For the third and fourth years, all rotations have a clinical rotation grade on the Honors, High Pass, Pass, Fail system.

Grading Scale							
MS-1 and MS-2 Courses		Quality Points	MS-3 and MS-4 Rotations		Quality Points	Other Grades	
			Preceptor – Exam Grades	Overall Final Grade			
A	90-100 ^a	4.0	H-H	Honors	4.0	IC	Incomplete
B	80-89	3.0	H-HP	Honors	4.0	W	Withdraw
C	70-79	2.0	HP-HP	High Pass	3.5		
C ^{*b}	70	2.0	H-P	High Pass	3.5		
F	< 70	0.0	HP-P	High Pass	3.5		
P	≥ 70	4.0	P-P	Pass Clinical	3.0		
P ^{*b}	70	2.0	PC ^{*b}	Pass Clinical	2.0		
			FC	Fail Clinical	0.0		
FMP and PCC are P/F P = 4.0 QP F = 0.0 QP P* = 2.0 QP			PC = Pass Clinical FC = Fail Clinical				

^a The maximum percentage cannot exceed 100. Percentage grades are rounded to the tenth from 0.50 upwards, therefore 82.50-82.99 = 83, while 82.49 = 82.

^b Denotes course was passed after successful remediation of an initial failing grade. Incomplete (IC) and Withdraw (W) do not carry any quality points.

ASSESSMENT

CUSOM has adopted the 14 AACOM Osteopathic Core Competencies for Medical Students as the outcome objectives for graduates. Each Competency has been mapped to the courses where it is covered, and evaluation strategies are utilized to ensure that all graduates achieve the intended learning outcomes. A comprehensive assessment plan summarizes additional methods and tracks metrics for continual program evaluation and improvement.

Assessment of knowledge occurs with multiple-choice examinations and quizzes administered electronically at scheduled intervals. Laboratory and clinical skills assessments are in written or verbal/practical format. Assessment of performance on clinical rotations involves end-of-rotation examinations, preceptor evaluation of student performance, and related methods.

Assessment of student performance compared to national cohorts is achieved through the end of rotation Comprehensive Osteopathic Medical Achievement Tests (COMAT) and the Comprehensive Osteopathic Medical Licensing Examination-USA (COMLEX-USA) Levels 1, 2 and 3.

ACADEMIC CALENDAR

CUSOM 2023-2024 Academic Calendar

July 2023

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August 2023

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September 2023

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October 2023

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November 2023

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December 2023

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

January 2024

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

February 2024

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

March 2024

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April 2024

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May 2024

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June 2024

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

	Orientation - July 26-28
	White Coat Ceremony - Oct 13
	Winter Graduation - Dec 16
	Spring Graduation - May 9

	Block 1/5 July 31 - Sept 29
	Break / Remediation
	Block 2/5 Oct 9 - Dec 8
	Break / Remediation

	Block 3/7 Jan 5 - Mar 8
	Break / Remediation
	Block 4/8 Mar 18 - May 24
	Remediation

Holiday

July 4	Independence Day
Sept 4	Labor Day
Nov 22 - 24	Thanksgiving Break
Dec 9 - Jan 4	Holiday Break
Jan 15	Martin Luther King Jr. Day
Mar 29	Good Friday
May 27	Memorial Day
June 19	Juneteenth



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