

# CURRICULUM

## Curriculum (156 Hours)

The USC SOMC curriculum is designed to take students through the basic medical sciences to hands-on clinical training. During the first year of the program, students study histology, gross anatomy, and neuro anatomy in a combined course. The first year continues with an in-depth study of biochemistry and physiology. The second year integrates the study of microbiology, pathology, pharmacology, and clinical foundations through a series of system blocks. Throughout all four semesters of the first two years, students develop their skills with history-taking and physical exams and their skills analyzing research to determine best practice for patient care.

During the third year, students get hands-on training in clinical clerkships in family medicine, internal medicine/neurology, obstetrics and gynecology, pediatrics, psychiatry and surgery. While most medical students complete their core clinical training at Columbia-area affiliated hospitals, there is also an optional clinical training at the Florence Regional Campus.

The fourth year is an opportunity for students to pursue individual interests through electives, participate in acting internship(s) and a critical care rotation, and complete the Capstone course designed to prepare students for the transition to residency.

### First Year

Fall		Credit Hours
MCBA D603	Foundational Medical Anatomy	12
DMED D601	Introduction to Clinical Medicine I	3
DMED D680	Application of Clinical Evidence I (ACE)	1
<b>Credit Hours</b>		<b>16</b>

### Spring

PHPH D621	Medical Physiology	7
BMSC D604	Molecular Foundations of Medicine	8
DMED D602	Introduction to Clinical Medicine I	4
DMED D680	Application of Clinical Evidence I (ACE)	1
<b>Credit Hours</b>		<b>20</b>

### Second Year

Fall		Credit Hours
DMED D603	Introduction to Clinical Medicine II	2
DMED D683	General Principles	5
DMED D685	Cardiovascular	4
DMED D686	Renal	2
DMED D687	Pulmonary	2
DMED D688	Hematology	3
DMED D689	Musculoskeletal (MSK) System	2
DMED D681	Application of Clinical Evidence II (ACE)	1
<b>Credit Hours</b>		<b>21</b>

### Spring

DMED D604	Introduction to Clinical Medicine II	2
DMED D681	Application of Clinical Evidence II (ACE)	1
DMED D694	Gastrointestinal (GI)	3
DMED D695	Endocrine/Reproduction	4

DMED D696	Neuroscience	6
DMED D697	Integrated Disease	2
<b>Credit Hours</b>		<b>18</b>
Third Year		
FPMD D605	Family Medicine Clerkship	6
MEDI D611	Medicine/Neurology	12
OBGY D605	Obstetrics/Gynecology Clerkship	6
PEDI D605	Pediatrics Clerkship	8
NPSY D605	Psychiatry Clerkship	6
SURG D605	Surgery Clerkship	8
Electives (2)		2
DMED D643	Intersession Week	1
<b>Credit Hours</b>		<b>49</b>
Fourth Year		
DMED D647	USMLE Step 2 Preparation	4
DMED D607	Capstone	4
Acting Internship		4
Critical Care		4
Electives		16
<b>Credit Hours</b>		<b>32</b>
<b>Total Credit Hours</b>		<b>156</b>