

**DEPARTMENT OF KINESIOLOGY**  
**Bachelor of Science in Kinesiology (BS) Movement Science (MOSC) Major**  
**Suggested Plan of Study for Pre MD-Students\***

<b>1<sup>st</sup> Semester (Fall)</b>	<b>2<sup>nd</sup> Semester (Spring)</b>
KINE 10101 Introduction to Kinesiology KINE 10603 Anatomical Kinesiology ENGL 10803 Intro Comp <sup>(WCO)</sup> MATH 10043 Elementary Statistics <sup>(MTH) (MD Pre-Req.)</sup> Social Science- Global Awareness <sup>(SSC, GA)</sup> Humanities <sup>(HUM)</sup> <p style="text-align: right;">Total credit hrs. 16</p>	Social Science- Citizenship & Social Values <sup>(SSC, CSV)</sup> MATH 10054 Precalculus w/ Trigonometry PSYC 10213 General Psychology <sup>(CA)</sup> Humanities-Literature <sup>(HUM, LT)</sup> COMM 10123 Basic Speech <sup>(OCO)</sup> <p style="text-align: right;">Total credit hrs. 16</p>
<b>1<sup>st</sup> Summer</b>	
BIOL 10503 Unity & Cells <sup>(MD Pre-Req.)</sup> BIOL 10513 Diversity & Organisms <sup>(MD Pre-Req.)</sup> BIOL 10523 Intro to Biological Investigation <sup>(MD Pre-Req.)</sup> <p style="text-align: right;">Total credit hrs. 9</p>	
<b>3<sup>rd</sup> Semester (Fall)</b>	<b>4<sup>th</sup> Semester (Spring)</b>
BIOL 30304 Microbiology <sup>(MD Pre-Req.)</sup> HIST 10603 or 10613 <sup>(SSC, HT)</sup> KINE 30423 Motor Development HLTH 30423 Nutrition & Phys. Activity Humanities-Religion <sup>(HUM, RT)</sup> <p style="text-align: right;">Total credit hrs. 16</p>	BIOL 40123 Genetics <sup>(MD Pre-Req.)</sup> KINE 30843 Neuromuscular Pathophysiology Fine Arts <sup>(FAR)</sup> KINE 30523 Exercise Assessment & Prescription <sup>(WEM)</sup> ENGL 20803 Intermediate Comp <sup>(WCO)</sup> <p style="text-align: right;">Total credit hrs. 15</p>
<b>2<sup>nd</sup> Summer</b>	
CHEM 10113 Chemistry I <sup>(MD Pre-Req.)</sup> CHEM 10125 Chemistry II w/ Lab <sup>(MD Pre-Req.)</sup> <p style="text-align: right;">Total credit hrs. 8</p>	
<b>5<sup>th</sup> Semester (Fall)</b>	<b>6<sup>th</sup> Semester (Spring)</b>
BIOL 20204 Anatomy & Physiology I <sup>(NSC) (MD Pre-Req.)</sup> SOC 20213 Introductory Sociology <sup>(CA, SSC)</sup> KINE 30733 Exercise Psychology CHEM 30123 Organic Chemistry <sup>(MD Pre-Req.)</sup> CHEM 30121 Organic Chemistry Lab <sup>(MD Pre-Req.)</sup> <p style="text-align: right;">Total credit hrs. 14</p>	BIOL 40513 Fundamentals of Biochemistry <sup>(MD Pre-Req.)</sup> KINE 30833 Phys. Activity & Disability CHEM 30133 Organic Chemistry II <sup>(MD Pre-Req.)</sup> CHEM 30143 Organic Qualitative Analysis <sup>(MD Pre-Req.)</sup> BIOL 20214 Anatomy & Physiology II <sup>(MD Pre-Req.)</sup> <p style="text-align: right;">Total credit hrs. 16</p>
<b>7<sup>th</sup> Semester (Fall)</b>	<b>8<sup>th</sup> Semester (Spring)</b>
KINE 40103 Seminar in Kinesiology KINE 40903 Senior Internship KINE 30623 Biomechanics KINE 30403 Motor Behavior PHYS 10154 Physics I <sup>(MD Pre-Req.)</sup> <p style="text-align: right;">Total credit hrs. 16</p>	KINE 30634 Exercise Physiology <sup>(NSC)</sup> KINE 40793 Senior Research <sup>(WEM)</sup> PHYS 10164 Physics II <sup>(MD Pre-Req.)</sup> NTDT 30331 Medical Terminology <sup>(MD Pre-Req.)</sup> <p style="text-align: right;">Total credit hrs. 12</p>

**MD Pre-requisites (138 total credit hours)**