

Date \_\_\_/\_\_\_/20\_\_\_

## Course Requirements for Medical School and the MCAT

Course Title (Credits)	Subject	Grade	Pre-requisites MUST BE TAKEN PRIOR TO THE COURSE	Co-Requisite MUST BE TAKEN WITH OR BEFORE THE COURSE
(6)	<b>One Year of English</b> *see major advisor about placement and English requirements			
<b>BIOL 100</b> (4.5)	<b>General Biology I (includes lab)</b> <i>Only offered in SPRING semester</i>		<b>MTH 125 &amp; CHEM 102</b>	
<b>BIOL 102</b> (4.5)	<b>General Biology II (includes lab)</b> <i>Only offered in FALL semester</i>		<b>BIOL 100</b>	
<b>CHEM 102</b> (4)	<b>General Chemistry I</b>			<b>MTH 125</b>
<b>CHEM 104</b> (4)	<b>General Chemistry II</b>		<b>CHEM 102</b>	
<b>CHEM 106</b> (3)	<b>General Chemistry Lab</b>			<b>CHEM 104</b>
<b>CHEM 222</b> (4)	<b>Organic Chemistry I</b>		<b>CHEM 104</b>	
<b>CHEM 223</b> (2.5)	<b>Organic Chemistry Lab I</b>		<b>CHEM 106</b>	<b>CHEM 222</b>
<b>CHEM 224</b> (4)	<b>Organic Chemistry II</b>		<b>CHEM 222</b>	
<b>CHEM 225</b> (2.5)	<b>Organic Chemistry Lab II</b>		<b>CHEM 223</b>	<b>CHEM 224</b>
<b>PHYS 110</b> (4.5)	<b>General Physics I (includes lab)</b>		<b>MTH 125</b>	
<b>PHYS 120</b> (4.5)	<b>General Physics II (includes lab)</b>		<b>PHYS 110</b>	
<b>MTH 125</b> (4)	<b>Pre-Calculus</b> *placement testing and transfer credit will determine if you need this course, or if you need to take another math course prior to pre-calculus		grade of C or better in MATH 10100 or appropriate score on placement exam	
<b>MTH 150</b> (4)	<b>Calculus</b>		<b>MTH 125</b>	
<b>STAT 213</b> (3)	<b>Statistics (recommended)</b> *statistics taken through a social science department such as psychology, is also acceptable.		<b>MTH 125</b>	

**We also recommend that Pre-Med students take:**

<b>BIOL 203</b> (4.5)	<b>Molecular Biology and Genetics</b> <i>Only offered in SPRING semester</i>		<b>BIOL 100 and 102 or equiv; CHEM 102, 104, 106 or equiv.</b>	<b>CHEM 222, 223</b>
<b>BIOL 300</b> (4.5)	<b>Biological Chemistry</b> <i>Only offered in FALL semester</i>		<b>BIOL 203, CHEM 222, 223</b>	<b>CHEM 224</b>
*****	*****	<b>or</b>	*****	*****
<b>CHEM 376</b> (3)	<b>Biochemistry</b>		<b>CHEM 224</b>	
<b>CHEM 377</b> (3)	<b>Biochemistry II</b>		<b>CHEM 376 or BIOL 300</b>	
<b>CHEM 378</b> (3)	<b>Biochemistry Lab</b>		<b>CHEM 223 and CHEM 376 or CHEM 640</b>	
<b>PSYCH100</b> (3)	<b>Introduction to Psychology</b>			
<b>SOC101</b> (3)	<b>Introduction to Sociology</b>			

**We also recommend that Pre-Dental students take:**

<b>BIOL 303</b> (4.5)	<b>Cell Biology</b>		<b>BIOL 300 or Dept. permission</b>	
<b>BIOL 300</b> (4.5)	<b>Biological Chemistry</b> <i>Only offered in FALL semester</i>	<b>or</b>	<b>BIOL 203, CHEM 222, 223</b>	<b>CHEM 224</b>
<b>CHEM 376</b> (3)	<b>Biochemistry</b>		<b>CHEM 224</b>	
<b>CHEM 377</b> (3)	<b>Biochemistry II</b>		<b>CHEM 376 or BIOL 300</b>	
<b>CHEM 378</b> (3)	<b>Biochemistry Lab</b>		<b>CHEM 223 and CHEM 376 or CHEM 640</b>	
<b>BIOL 203</b> (4.5)	<b>Molecular Biology and Genetics</b> <i>Only offered in SPRING semester</i>		<b>BIOL 100 and 102 or equiv; CHEM 102, 104, 106 or equiv.</b>	<b>CHEM 222, 223</b>

**We also recommend that Pre-Veterinary students take:**

<b>BIOL 303</b> (4.5)	<b>Cell Biology</b>		<b>BIOL 300 or Dept. permission</b>	
<b>BIOL 230</b> (3)	<b>Fundamentals of Microbiology</b> <i>Only offered in SPRING semester</i>		<b>CHEM 100, 101, 120, 121 or equiv; BIOL 120</b>	<b>BIOL 122</b>
<b>BIOL 300</b> (4.5)	<b>Biological Chemistry</b>		<b>BIOL 203, CHEM 222, 223</b>	<b>CHEM 224</b>
<b>BIOL 203</b> (4.5)	<b>Molecular Biology and Genetics</b> <i>Only offered in SPRING semester</i>		<b>BIOL 100 and 102 or equiv; CHEM 102, 104, 106 or equiv.</b>	<b>CHEM 222, 223</b>