

The University of South Dakota  
Major Credit Hour count: 79-81  
Major: Medical Biology, B.S.

<u>Year / Semester</u>	SRG/Major Requirement	Cr Hrs	<u>Year / Semester</u>	SRG/Major Requirement	Cr Hrs
<b><u>First Year - 1st Semester</u></b>			<b><u>First Year - 2nd Semester</u></b>		
BIOL 151/L: General Biology I	SGR 6+M	4	BIOL 153/L: General Biology II	BS + Major	4
CHEM 112/L: Survey or Gen Chem I	SGR 6+M	4	CHEM 114/L: General Chemistry II	BS + Major	4
ENGL 101: Composition I	SGR 1	3	ENGL 210: Intro to Literature	BS	3
Fundamentals of Speech	SGR 2	3	MATH 123/L: Calculus I	SGR 5 + M	5
First Year Seminar		1			0
	<b>Semester Credit Hours:</b>	<b>15</b>		<b>Semester Credit Hours:</b>	<b>16</b>
<b><u>Second Year - 1st Semester</u></b>			<b><u>Second Year - 2nd Semester</u></b>		
CHEM 326/L: Organic Chemistry	Major	5	CHEM 330: Struct. & Funct. of Biom	Major	3
BIOL 280/L: Inquiry & Analysis	Major	2	BIOL 471: Genetics	Major	3
Advanced Composition	SGR 1	3	BIOL 420/L: Intro to Biostats	Major	3
PSYC 101: General Psychology	SGR 3+M	3	SOC 100: Intro to Sociology	SGR 3+M	3
		0	Fine Arts	SGR 4	3
	<b>Semester Credit Hours:</b>	<b>13</b>		<b>Semester Credit Hours:</b>	<b>15</b>
<b><u>Third Year - 1st Semester</u></b>			<b><u>Third Year - 2nd Semester</u></b>		
BIOL 428: Comparative Physiology	Major	3	Required Med Bio Elective	Major	3
PHYS 111/L: Intro to Physics I	Major	4	PHYS 113/L: Intro to Physics II	Major	4
PHIL 364: Biomedical Ethics	BS+Major	3	BIOC 430: Principles of Biochemistry	Major	3
Humanities	SGR 4	3	Additional Social Science/Humanities	BS	3
BIOL 475: Intro to Molecular Biology	Major	3	Elective		3
	<b>Semester Credit Hours:</b>	<b>16</b>		<b>Semester Credit Hours:</b>	<b>16</b>
<b><u>Fourth Year - 1st Semester</u></b>			<b><u>Fourth Year - 2nd Semester</u></b>		
PHGY 420: Adv Human Physiology	Major	3	ANAT 411: Human Gross Anatomy	Major	4
Required Med Bio Elective	Major	3	Required Med Bio Elective	Major	3
Elective or CHEM Minor Elective		3	Electives		7
Electives		6			0
	<b>Semester Credit Hours:</b>	<b>15</b>		<b>Semester Credit Hours:</b>	<b>14</b>
			<b>Total Major Requirements 120</b>		

Notes: