



Department of Chemistry and Physics  
**Biological, Chemistry, BS (CHBY)**  
 Suggested Course Sequence - Odd Year Start

FALL SEMESTER - Odd				SPRING SEMESTER - Even					
				First Year					
_____	<b>BIOL</b>	<b>1013</b>	<b>General Biology I (F)</b>	3	_____	<b>MATH</b>	<b>2013</b>	Calculus II	3
_____	<b>BIOL</b>	<b>1111</b>	<b>General Biology Lab I (F)</b>	1	_____	<b>BIOL</b>	<b>1121</b>	<b>General Biology Lab II (s)</b>	1
_____	<b>CHEM</b>	<b>1113</b>	General Chemistry I	3	_____	<b>BIOL</b>	<b>1123</b>	<b>General Biology II (s)</b>	3
_____	<b>CHEM</b>	<b>1111</b>	General Chemistry I Lab	1	_____	<b>CHEM</b>	<b>1121</b>	<b>General Chemistry II Lab (s)</b>	1
_____	<b>ENGL</b>	<b>1013</b>	English Composition I	3	_____	<b>CHEM</b>	<b>1123</b>	<b>General Chemistry II (s)</b>	3
_____	<b>LETU</b>	<b>1101</b>	Cornerstones	1	_____	<b>PHYS</b>	<b>2013</b>	<b>University Physics I (s)</b>	3
_____	<b>MATH</b>	<b>1903</b>	Calculus I	3	_____	<b>PHYS</b>	<b>2011</b>	<b>University Physics Lab I (s)</b>	1
<b>Total Semester Hours</b>				<b>15</b>	<b>Total Semester Hours</b>				<b>15</b>

FALL SEMESTER - Even				SPRING SEMESTER - Odd					
				Second Year					
_____	<b>ENGL</b>	<b>1023</b>	English Comp II	3	_____	<b>BIOL</b>	<b>3204</b>	<b>General Micro (s/Odd)</b>	4
_____	<b>CHEM</b>	<b>2111</b>	<b>Organic Chemistry I Lab (F)</b>	1	_____	<b>CHEM</b>	<b>2121</b>	<b>Organic Chemistry II Lab (s)</b>	1
_____	<b>CHEM</b>	<b>2113</b>	<b>Organic Chemistry I (F)</b>	3	_____	<b>CHEM</b>	<b>2123</b>	<b>Organic Chemistry II (s)</b>	3
_____	<b>BIBL</b>	<b>1033</b>	Biblical Literature	3	_____	<b>MATH</b>	<b>1423</b>	Elementary Statistics	3
_____	<b>PHYS</b>	<b>2023</b>	<b>University Physics II (F)</b>	3	_____	<b>THEO</b>	<b>2043</b>	Biblical Theology	3
_____	<b>PHYS</b>	<b>2021</b>	<b>University Physics Lab II (F)</b>	1	_____	<b>CHEM</b>	<b>3951</b>	Intro to Research	1
<b>Total Semester Hours</b>				<b>14</b>	<b>Total Semester Hours</b>				<b>15</b>

FALL SEMESTER - Odd				SPRING SEMESTER - Even					
				Third Year					
_____	<b>CHEM</b>	<b>4314</b>	<b>Biochemistry I (F/ Odd)</b>	4	_____			General Elective	3
_____	<b>CHEM</b>	<b>3111</b>	<b>Chemical Analysis (F/ Odd)</b>	1	_____	<b>CHEM</b>	<b>4323</b>	<b>Biochemistry II (S/Even)</b>	3
_____	<b>CHEM</b>	<b>3113</b>	<b>Chemical Analysis Lab (F/ Odd)</b>	3	_____	<b>BIOL</b>	<b>4404</b>	<b>Cell Biology (S/Even)</b>	4
_____	<b>BIBL</b>		<b>Bibl or Theo Elective</b>	3	_____	<b>COMM</b>	<b>1113</b>	Intro To Speech Communicator	3
_____			Civic Engagement Elective	3	_____			Civic Engagement Elective	3
_____					_____	<b>CHEM</b>	<b>4951</b>	Undergraduate Research	1
<b>Total Semester Hours</b>				<b>14</b>	<b>Total Semester Hours</b>				<b>17</b>

FALL SEMESTER - Even				SPRING SEMESTER - Odd					
				Fourth Year					
_____	<b>BIOL</b>	<b>3404</b>	<b>General Genetics (F/Even)</b>	4	_____	<b>BIBL</b>		Bibl Elective	3
_____	<b>CHEM</b>	<b>3014</b>	<b>Inorganic Chemistry (F/Even)</b>	4	_____			Ingenuity Elective	3
_____	<b>CHEM</b>	<b>4113</b>	<b>Physical Chemistry I (F/Even)</b>	3	_____	<b>CHEM</b>	<b>4811</b>	<b>Senior Science and Christian Fa</b>	1
_____	<b>CHEM</b>	<b>4111</b>	<b>Physical Chemistry I Lab (F/Even)</b>	1	_____			General Elective	3
_____			General Elective	3	_____			General Elective	4
_____					_____	<b>CHEM</b>	<b>4951</b>	Undergraduate Research	1
<b>Total Semester Hours</b>				<b>15</b>	<b>Total Semester Hours</b>				<b>15</b>
								<b>Total hours</b>	<b>120</b>