

	Chemistry (A-Track)	Chemical Biology (B-Track)
General Chemistry	<ul style="list-style-type: none"> <li>General Chemistry I &amp; II (CHEM 141/142)</li> <li><b>OR</b> Honors General Chemistry (CHEM145; previously CHEM 143/144)</li> </ul>	
Organic Chemistry	<ul style="list-style-type: none"> <li>Organic Chemistry I &amp; II (CHEM 251/252)</li> </ul>	
Introductory Labs	<ul style="list-style-type: none"> <li>Introductory Chemistry Lab (CHEM 152)</li> <li>Intermediate Chemistry Lab (CHEM 257)</li> <li>Organic Chemistry Lab (CHEM 258)</li> </ul>	
Mathematics	<ul style="list-style-type: none"> <li>Calculus I &amp; II (MATH 121/122)</li> <li><i>Also recommended for A-track:</i> <ul style="list-style-type: none"> <li>Vectors &amp; Matrices (MATH 221)</li> <li>Multivariable Calculus (MATH 222)</li> </ul> </li> </ul>	
General Science	<ul style="list-style-type: none"> <li>General Physics I &amp; II – <i>recommended</i> (PHYS 113/116)</li> <li><b>OR</b> Introductory Physics I &amp; II (PHYS 111/112)</li> <li><i>Lab courses are also recommended</i></li> </ul>	<ul style="list-style-type: none"> <li>Principles of Biology I &amp; II (BIOL 181/182)</li> <li><i>Lab courses are also recommended</i></li> </ul>
Inorganic Chemistry	<ul style="list-style-type: none"> <li>Advanced Inorganic Chemistry (CHEM 361) – <i>may also be used as one elective</i></li> <li><i>This requirement is waived for students who completed CHEM 144</i></li> </ul>	
Physical Chemistry	<ul style="list-style-type: none"> <li>Physical Chemistry I &amp; II (CHEM 337/338)</li> <li><i>Complete as much PHYS and MATH as possible before physical chemistry</i></li> </ul>	<ul style="list-style-type: none"> <li>Physical Chemistry for Life Sciences (CHEM 381)</li> </ul>
Biochemistry	N/A	<ul style="list-style-type: none"> <li>Molecular Biology (MB&amp;B 208)</li> <li>Biochemistry (CHEM 383)</li> </ul>
Advanced Labs	<ul style="list-style-type: none"> <li>Integrated Lab I &amp; II (CHEM 375/376)</li> </ul>	<b>Choose two of three courses:</b> <ul style="list-style-type: none"> <li>Integrated Lab I &amp; II (CHEM 375/376)</li> <li>Structural Biology Lab (CHEM 395)</li> </ul>
300-Level Chemistry Electives	Choose <b>three</b> 300-level electives	Choose <b>two</b> 300-level electives
	<ul style="list-style-type: none"> <li>Must be 1.0 credit or greater and approved by CHEM department</li> <li>May substitute 2.0 <i>accumulated</i> credits of CHEM research for one elective</li> </ul>	
Chemistry Colloquium	<ul style="list-style-type: none"> <li>Two semesters of Chemistry Colloquium (CHEM 521 <b>and/or</b> 522)</li> </ul>	
Honors Thesis (optional)	<i>Required to graduate with Departmental Honors:</i> <ul style="list-style-type: none"> <li>Senior Thesis Tutorial (CHEM 409/410) w/ approved Senior Thesis</li> </ul>	