

<b>CORE CURRICULUM</b>	Minimum Hours Required	<b>FOCUS AREA II: MOLECULAR THEORY &amp; SIMULATION</b>	Minimum Hours Required
Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6I</i>			
<b>First Year Signature Course</b>	<b>3</b>	<b>Statistics &amp; upper division Mathematics</b>	<b>13</b>
<b>English Composition</b>	<b>3</b>	SDS 320E SDS 322 SDS 335 M 427J	
<b>Humanities</b>	<b>3</b>	<b>Statistical mechanics:</b>	<b>3</b>
<b>American &amp; Texas Government</b>	<b>6</b>	CH 354C	
<b>American History</b>	<b>6</b>	<b>Computational methods Chemistry:</b>	<b>6</b>
<b>Social &amp; Behavioral Science</b>	<b>3</b>	CH 354M	
<b>Mathematics</b> (Fulfilled by course in major)	<b>0</b>	<b>Physical chemistry:</b>	<b>7</b>
<b>Science &amp; Technology-I</b> (Fulfilled by courses in major)	<b>0</b>	CH 353 or 353M CH 153K CH 354	
<b>Science &amp; Technology-II</b> (Fulfilled by courses in major)	<b>0</b>	<b>Chemistry professional development:</b>	<b>1</b>
<b>Visual &amp; Performing Arts</b>	<b>3</b>	CH 119C	
<b>SKILLS &amp; EXPERIENCE FLAGS</b>		<b>Capstone research thesis:</b>	<b>3</b>
Flags attached to courses are displayed in the online Course Schedule.		CH 378L	
<b>Two Writing Flags:</b>	<input type="checkbox"/> <input type="checkbox"/>	<b>4 of the following courses:</b>	<b>10–12</b>
1. Core Writing Flag (cannot also fulfill another core curriculum requirement)		CH 154K, 367C, 367P, 368, 368Q, 369K, 375K, and 379H; M 368K; PHY 333, 345, and 375S; SDS 374C	
2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i>		<i>Note: 1 additional enrollment in CH 369K may count only as general elective hours toward a chemistry degree.</i>	
<b>One Quantitative Reasoning Flag</b>	<input type="checkbox"/>	<b>ELECTIVES</b>	
<b>One Global Cultures Flag</b>	<input type="checkbox"/>	<b>Enough elective hours to reach 120 total</b>	<b>VARY</b>
<b>One Cultural Diversity in the U.S. Flag</b>	<input type="checkbox"/>	(The number of elective hours needed may vary depending on course selections.)	
<b>One Ethics and Leadership Flag</b>	<input type="checkbox"/>	<b>ADDITIONAL GRADUATION REQUIREMENTS</b>	
<b>One Independent Inquiry Flag</b>	<input type="checkbox"/>	<input type="checkbox"/> Minimum 21 upper-division hours in residence	
<b>INTRODUCTORY SCIENCE</b>		<input type="checkbox"/> Minimum 12 upper-division CH hours in residence	
M 408C & 408D or 408N & 408S & 408M	<b>8–12</b>	<input type="checkbox"/> Minimum 60 hours in residence overall	
CH 301C, 302C, and 317	<b>9</b>	<input type="checkbox"/> Minimum 36 upper-division hours	
<b>1 of the following organic chemistry sequences:</b>	<b>8</b>	<input type="checkbox"/> 120 hours total overall	
CH 328M, 128K, 328N, 128L; CH 128K, 128L, 328C, 329C; CH 320M, 320N, 220C		<input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses	
<b>1 of the following sequences:</b>	<b>8</b>	<input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0	
PHY 301, 101L, 316, 116L PHY 303K, 105M, 303L, 105N		<input type="checkbox"/> Must apply to graduate during final semester	
<i>Note: Introductory science is substantially different for Focus Area 6 (Chemistry Honors).</i>		<input type="checkbox"/> 2022–24 Catalog expires August 2030	