

CORE CURRICULUM	Minimum Hours Required	FOCUS AREA II: MOLECULAR THEORY & SIMULATION	Minimum Hours Required
Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6I</i>			
First Year Signature Course	3	Statistics & upper division Mathematics	13
English Composition	3	SDS 302 SDS 322 SDS 335 M 427J	
Humanities	3	Statistical mechanics:	3
American & Texas Government	6	CH 354C	
American History	6	Computational methods Chemistry:	6
Social & Behavioral Science	3	CH 354M	
Mathematics (Fulfilled by course in major)	0	Physical chemistry:	7
Science & Technology-I (Fulfilled by courses in major)	0	CH 353 or 353M CH 153K CH 354	
Science & Technology-II (Fulfilled by courses in major)	0	Chemical data analysis:	3
Visual & Performing Arts	3	CH 352D	
SKILLS & EXPERIENCE FLAGS		Capstone research thesis:	3
Flags attached to courses are displayed in the online Course Schedule.		CH 378L	
Two Writing Flags:	<input type="checkbox"/> <input type="checkbox"/>	4 of the following courses:	10–12
1. Core Writing Flag (cannot also fulfill another core curriculum requirement)		CH 154K, 367C, 367L, 368, 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>	
One Quantitative Reasoning Flag	<input type="checkbox"/>	ELECTIVES	
One Global Cultures Flag	<input type="checkbox"/>	Enough elective hours to reach 120 total	VARY
One Cultural Diversity in the U.S. Flag	<input type="checkbox"/>	(The number of elective hours needed may vary depending on course selections.)	
One Ethics and Leadership Flag	<input type="checkbox"/>	ADDITIONAL GRADUATION REQUIREMENTS	
One Independent Inquiry Flag	<input type="checkbox"/>	<input type="checkbox"/> Minimum 21 upper-division hours in residence	
INTRODUCTORY SCIENCE		<input type="checkbox"/> Minimum 12 upper-division CH hours in residence	
M 408C & 408D or 408N & 408S & 408M	8–12	<input type="checkbox"/> Minimum 60 hours in residence overall	
CH 301C or 301, 302C or 302, and 317	9	<input type="checkbox"/> Minimum 36 upper-division hours	
1 of the following organic chemistry sequences:	8	<input type="checkbox"/> 120 hours total overall	
CH 328M, 128K, 328N, 128L		<input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses	
CH 320M, 320N, 220C		<input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0	
1 of the following sequences:	8	<input type="checkbox"/> Must apply to graduate during final semester	
PHY 301, 101L, 316, 116L		<input type="checkbox"/> 2020–22 Catalog expires August 2028	
PHY 303K, 103M, 303L, 103N			
<i>Note: Introductory science is substantially different for Focus Area 6 (Chemistry Honors).</i>			