

CORE CURRICULUM	Minimum Hours Required	OPTION 7: BIOPHYSICS	Minimum Hours Required
<p>Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6l</i></p>		<p>Biology, Chemistry, and Biochemistry: BIO 311C, 311D, and 325 or BIO 315H and 325H BIO 206L CH 320M or 328M BCH 369</p>	14–17
First Year Signature Course	3	<p>Upper-division mathematics: M 427J or 427K M 427L 6 additional hours of upper-division Mathematics: <i>M 340L, 361, and 362K are recommended</i></p>	14
English Composition	3		
Humanities	3		
American & Texas Government	6		
American History	6		
Social & Behavioral Science	3		
Mathematics (<i>Fulfilled by course in major</i>)	0	<p>Upper-division physics: PHY 355 Modern Physics & Thermodynamics PHY 345 Biophysics PHY 353L Modern Physics Laboratory PHY 336K Classical Dynamics PHY 352K Classical Electrodynamics I PHY 373 Quantum Physics I: Foundations PHY 369 Thermodynamics & Statistical Mechanics</p>	21
Science & Technology-I (<i>Fulfilled by courses in major</i>)	0		
Science & Technology-II (<i>Fulfilled by courses in major</i>)	0		
Visual & Performing Arts	3	<p>1 of the following areas: Cell Biology: BIO 320 Microbiology: BIO 326R Developmental Biology: BIO 349 Neurobiology: NEU 371M or 365R Virology: BIO 330 Computation: SDS 335 & BIO 337J* <i>* Note: if computation is selected, both courses must be completed</i></p> <p><i>A list of recommended biology laboratory courses that complement some lecture courses are available in the Mathematics, Physics, and Astronomy Advising Center.</i></p>	3–6
<p>SKILLS & EXPERIENCE FLAGS <i>Flags attached to courses are displayed in the online Course Schedule.</i></p>			
<p>Two Writing Flags:</p> <p>1. Core Writing Flag (<i>cannot also fulfill another core curriculum requirement</i>)</p> <p>2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i></p>	<input type="checkbox"/> <input type="checkbox"/>		
One Quantitative Reasoning Flag	<input type="checkbox"/>		
One Global Cultures Flag	<input type="checkbox"/>		
One Cultural Diversity in the U.S. Flag	<input type="checkbox"/>		
One Ethics and Leadership Flag	<input type="checkbox"/>		
One Independent Inquiry Flag	<input type="checkbox"/>		
<p>FOREIGN LANGUAGE</p> <p>1 of the following:</p> <p>a. Beginning level proficiency in a foreign language</p> <p>b. 1 course in a foreign language & 1 three-hour course in the culture of the same language area</p> <p>c. 2 three-hour courses from the same foreign culture area</p> <p><i>Foreign culture courses selected from approved lists maintained by the college. Bit.ly/19Ao6pc</i></p>	6–12		
<p>INTRODUCTORY MATHEMATICS & SCIENCE</p> <p>M 408C & 408D or 408N, 408S, & 408M</p>	8–12	<p>ELECTIVES Enough elective hours to reach 126 total <i>(The number of elective hours needed may vary depending on course selections.)</i></p>	VARY
PHY 301 & 101L*, 316 & 116L*, and 315 & 115L	12		
<p><i>*PHY 303K & 103M and 303L & 103N, substitute for PHY 301 & 101L and 316 & 116L. However, they are not preferred preparation for PHY 315 & 115L.</i></p>			
CH 301 or 301H	3		
CH 302 or 302H	3	<p>ADDITIONAL GRADUATION REQUIREMENTS</p> <p><input type="checkbox"/> Minimum 21 upper-division hours in residence, including 12 in Physics</p> <p><input type="checkbox"/> Minimum 60 hours in residence overall</p> <p><input type="checkbox"/> Minimum 36 upper-division hours</p> <p><input type="checkbox"/> 126 hours total overall</p> <p><input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses</p> <p><input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0</p> <p><input type="checkbox"/> Must apply to graduate during final semester</p> <p><input type="checkbox"/> 2016–18 Catalog expires August 2024</p>	
<p><i>Note: Introductory science is substantially different for Option 6</i></p>			