

CORE CURRICULUM FLAGS	Minimum Hours Required	OPTION 3: MARINE AND FRESHWATER SCIENCE	Minimum Hours Required
Core courses must be chosen from approved lists. <i>bit.ly/1d6oP6l</i>			
First Year Signature Course	3	CH 320M	3
English Composition	3	BIO 326R and 373	6
Humanities	3	MNS 101, 310, 320, and 120L	8
American & Texas Government	6	12 hours from:	12–13
American History	6	BIO 321L, 354L, MNS 440, 348 (Topic 1: Training Cruise(s)), 352, 352C, 352D, 352E, 152L, 152S, 252S, 152T, 252T, 353, 354, 354C, 354E, 354J, 354Q, 354T, 354U, 355C, 356, 357, 367K, 170, 270, 370	<i>Note: 6 of the 12 hours must be completed at the Marine Science Institute in Port Aransas, Texas.</i>
Social & Behavioral Science	3	2 courses completed from 1 list:	
Mathematics (Fulfilled by course in major)	0	a. BIO 320 and 344	6
Science & Technology-I (Fulfilled by courses in major)	0	b. BIO 328 and 361T	ELECTIVES Enough elective hours to reach 120 total <i>(The number of elective hours needed may vary depending on course selections.)</i>
Science & Technology-II (Fulfilled by courses in major)	0	c. BIO 357 and 375	
Visual & Performing Arts	3	d. BIO 364; and BIO 366 or GEO 341G	
SKILLS & EXPERIENCE FLAGS		e. GRG 301C or 301K; and GRG 333K	
Flags attached to courses are displayed in the online Course Schedule.		f. GRG 301C; and GRG 356 or 356T	
Two Writing Flags:	<input type="checkbox"/> <input type="checkbox"/>	g. GRG 306C; and GRG 334, 339C, or 356	
1. Core Writing Flag (cannot also fulfill another core curriculum requirement)		h. GRG 310C; and GRG 360G or 355N	
2. Additional Writing Flag <i>Note: One of the two writing flags must be upper-division.</i>			
One Quantitative Reasoning Flag	<input type="checkbox"/>		VARY
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"/>		
BIOLOGY COMMON CORE		ADDITIONAL GRADUATION REQUIREMENTS	
M 408C or 408R or 408N & 408S. <i>Students who intend to take additional calculus should begin with 408C or 408N.</i>	4–8	<input type="checkbox"/> Minimum 21 upper-division BIO hours in residence	
CH 301 or 301H, 302 or 302H, and 204	8	<input type="checkbox"/> Minimum 60 hours in residence overall	
BIO 311C, 311D, and 325; or 315H and 325H	6–9	<input type="checkbox"/> Minimum 36 upper-division hours	
BIO 226L	2	<input type="checkbox"/> 120 hours total overall	
BIO 370	3	<input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses	
SDS 328M	3	<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 317K, 117M, 317L, 117N (recommended) PHY 302K, 102M, 302L, 102N PHY 303K, 103M, 303L, 103N PHY 301, 101L, 316, 116L		<input type="checkbox"/> 2016–18 Catalog expires August 2024	
<i>Note: Option 3 (Marine and Freshwater Science), 4 (Microbiology and Infectious Diseases), and 8 (Teaching) have an alternative lab requirement in Biology Common Core. Introductory science is substantially different for Option 9 (Biology Honors).</i>			