Bachelor of Science in Biology (BS) 2016–18 Checklist

CORE CURRICULUM FLAGS Core courses must be chosen from approved lists. bit.ly/1d6oP6l	Minimum Hours Required	OPTION 1: ECOLOGY, EVOLUTION, AND BEHAVIOR	Minimum Hours Required
	_	1 course or pair of courses from Ecology:	3-4
First Year Signature Course	3	BIO 357, 373, or MNS 320 and 120L	
English Composition	3	1 course or pair of courses from Behavior	
-lumanities	3	and comparative physiology: BIO 322 and 122L, 359K, or 361T	3–4
American & Texas Government	6	-	
American History	6	1 course or pair of courses from Taxon-based course:	3–4
Social & Behavioral Science	3	BIO 321L, 324 and 124L, 327 and 127L, 340L,	3 4
Mathematics (Fulfilled by course in major)	0	448L, 351, 352, 353F, 453L, 354L, 455L, 463L, 369F, 369L; MNS 352D, 354, 354C, 354E	
Science & Technology-I (Fulfilled by courses in major)	0		
Science & Technology-II (Fulfilled by courses in major)	0	1 course in Cellular, developmental, genetics, microbiology, molecular, or neuroscience:	3
Visual & Performing Arts	3	BIO 320, 320L, 325L, 325T, 326R, 328, 331L, 344, 349, 349L, 350M, 366R, NEU 330	
SKILLS & EXPERIENCE FLAGS Flags attached to courses are displayed in the online Course Schedule.		3 additional courses or pair of courses chosen freely from: Ecology: BIO 357, 373, or MNS 320 and 120L	9–12
Two Writing Flags:		Behavior and comparative physiology: BIO 322 and 122L, 359K, or 361T	
Core Writing Flag (cannot also fulfill another core curriculum requirement) Additional Writing Flag		Taxon-based course: BIO 321L, 324 and 124L, 327 and 127L, 340L, 448L, 351, 352, 353F, 453L, 354L, 455L, 463L, 369F, 369L; MNS 352D, 354, 354C, 354E Alternative courses: BIO 438L, 471G, 456L,	
Note: One of the two writing flags must be upper-division. One Quantitative Reasoning Flag		359R, 364, 364E, 472L, 373L, 374 and 174L, 375, 478L; MNS 352C, 354Q	
One Global Cultures Flag		1 laboratory course or pair of courses	
One Cultural Diversity in the U.S. Flag		containing a substantial field component:	3-4
One Ethics and Leadership Flag		BIO 321L, 340L, 353F, 453L, 354L, 455L, 456L, 369L, 373L; MNS 320 and 120L, 352C, 352D,	
One Independent Inquiry Flag		354, 354C, 354E. Courses used to meet lab requirements may also count toward other option requirements.	
BIOLOGY COMMON CORE		1 additional laboratory course:	1-4
M 408C or 408R or 408N & 408S. Students who intend to take additional calculus should begin with 408C or 408N.	4–8	BIO 320L, 321L, 124L, 127L, 325L, 331L, 438L, 340L, 448L, 349L, 353F, 453L, 354L, 455L, 456L, 369L, 472L, 373L, 174L, 478L; MNS 120L,	
CH 301 or 301H, 302 or 302H, and 204	8	352C, 352D, 354, 354C, 354E, 354Q. Courses used to meet lab requirements may also count toward other option requirements. Some labs require credit or registration in a lecture course.	
BIO 311C, 311D, and 325; or 315H and 325H	6-9	1 course from:	3
BIO 206L, 208L, or 226L	2	CH 320M; CS 303E, 313E; GEO 401, 303; SDS 332, 348	
310 370	3	ELECTIVES	
SDS 328M	3	Enough elective hours to reach 120 total (The number of elective hours needed may vary depending on	VARY
l of the following sequences:	8	course selections.)	
PHY 317K, 117M, 317L, 117N (recommended) PHY 302K, 102M, 302L, 102N PHY 303K, 103M, 303L, 103N PHY 301, 101L, 316, 116L		ADDITIONAL GRADUATION REQUIREMENTS Minimum 21 upper-division BIO hours in reside	nce
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).		 ☐ Minimum 60 hours in residence overall ☐ Minimum 36 upper-division hours ☐ 120 hours total overall ☐ Minimum grade of C- & minimum 2.0 GPA in all Natural Sciences courses 	Mathematics &
		☐ Minimum UT-Austin Grade Point Average of 2.0☐ Must apply to graduate during final semester☐ 2016–18 Catalog expires August 2024	