

Bachelor of Science in Computer Science (BS) 2018–20 Checklist

CORE CURRICULUM Core courses must be chosen from approved lists.	Minimum Hours Required	OPTION 1: COMPUTER SCIENCE	Minimum Hours Required
bit.ly/1d6oP6l		Linear Algebra:	3
First Year Signature Course	3	M 340L, SDS 329C, or M 341	3
English Composition	3		
Humanities	3	Probability:	3
American & Texas Government	6	SDS 321 or M 362K	
American History	6	Programming:	6
Social & Behavioral Science	3	CS 312	
Mathematics (Fulfilled by course in major)	0	CS 314 or 314H	
Science & Technology-I (Fulfilled by courses in major)	0	- Theory:	6
Science & Technology-II (Fulfilled by courses in major)	0	- CS 311 or 311H	
Visual & Performing Arts	3	CS 331 or 331H	
		Systems:	8
SKILLS & EXPERIENCE FLAGS Flags attached to courses are displayed in the online Course Schedule.		CS 429 or 429H CS 439 or 439H	
Two Writing Flags:		24 additional upper-division CS hours	24
Core Writing Flag (cannot also fulfill another core curriculum requirement)		Note: 9 of the 24 upper-division CS hours are substituted for a 3rd course from approved lists in programming, theory, and	
2. Additional Writing Flag Note: One of the two writing flags must be upper-division.		systems.	
One Quantitative Reasoning Flag			
One Global Cultures Flag		ELECTIVES	VARY
One Cultural Diversity in the U.S. Flag		Enough elective hours to reach 120 total (The number of elective hours needed may vary depending	VART
One Ethics and Leadership Flag		on course selections.)	
One Independent Inquiry Flag		-	
FOREIGN LANGUAGE 1 of the following:	6–12	ADDITIONAL GRADUATION REQUIREMENTS Minimum 21 upper-division CS hours in resider	200
a. Beginning level proficiency in a foreign language b. 1st course in a foreign language & 1 three-hour course in the culture of the same language area c. 2 three-hour courses from the same foreign culture area Foreign culture courses selected from approved lists maintained by the college. Bit.ly/19Ao6pc		☐ Minimum 21 upper-division CS nours in resider ☐ Minimum 60 hours in residence overall ☐ Minimum 42 upper-division hours ☐ 120 hours total overall ☐ Minimum grade of C- & minimum 2.0 GPA in al Natural Sciences courses ☐ Minimum UT-Austin Grade Point Average of 2.0 ☐ Must apply to graduate during final semester ☐ 2018–20 Catalog expires August 2026	l Mathematics &
INTRODUCTORY SCIENCE M 408C & 408D, or 408N & 408S & 408M	8–12		
1 of the following science sequences:	6–8	-	
a. Biology: BIO 311C & 311D, or 315H & 325H b. Chemistry: CH 301 or 301H, and 302 or 302H c. Physics for engineering majors: PHY 303K & 103M and 303L & 103N d. Physics for physics majors: PHY 301 & 101L and 316 & 116L e. Physics for pre-medical majors: PHY 317K & 117M and 317L & 117N		-	
1 additional course or pair of courses from the science sequence lists, in a different field of study, or 1 of the following:	3	_	
a. GEO, 3 hours, majors-levelb. Mathematics, 3 upper-division hours (excluding M 325K, 340L, 341, and 362K)			