

## Bachelor of Science in Computer Science (BS) 2016–18 Checklist

CORE CURRICULUM Core courses must be chosen from approved lists. bit.ly/1d6oP6l	Minimum Hours Required	OPTION 4: INTEGRATED PROGRAM	Minimum Hours Required
First Veer Signature Course	2	The Integrated Program option is a curriculum	
First Year Signature Course	3	of undergraduate and graduate coursework that allows students to simultaneously earn the BS	
English Composition Humanities	3	<ul> <li>in Computer Science and the MS in Computer</li> </ul>	
American & Texas Government		Science, the MS in Information Studies, or the MS	
	6	in Computational Science. View the departmental website for more information about the option,	
American History Social & Behavioral Science	3	including admission.	
	0	-	
Mathematics (Fulfilled by course in major)	0	Linear Algebra:	3
Science & Technology-I (Fulfilled by courses in major)		M 340L, SDS 329C, or M 341	
Science & Technology-II (Fulfilled by courses in major)	0	-	
Visual & Performing Arts	3	Probability:	3
SKILLS & EXPERIENCE FLAGS Flags attached to courses are displayed in the online Course Schedule.  Two Writing Flags:		SDS 321 or M 362K  Programming: CS 312 CS 314 or 314H	6
1. Core Writing Flag (cannot also fulfill another core		-	
curriculum requirement)		Theory:	6
Additional Writing Flag     Note: One of the two writing flags must be upper-division.		CS 311 or 311H	
One Quantitative Reasoning Flag		CS 331 or 331H	
		-	
One Global Cultures Flag		Systems:	8
One Cultural Diversity in the U.S. Flag		CS 429 or 429H CS 439 or 439H	
One Ethics and Leadership Flag		C5 459 01 459H	
One Independent Inquiry Flag		18 additional upper-division CS hours	18
FOREIGN LANGUAGE  1 of the following:	6–12	Note: 9 of the 18 upper-division CS hours are substituted for a 3rd course from approved lists in programming, theory, and systems.	
<ul> <li>a. Beginning level proficiency in a foreign language</li> <li>b. 1st course in a foreign language &amp; 1 three-hour course in the culture of the same language area</li> <li>c. 2 three-hour courses from the same foreign culture area</li> <li>Foreign culture courses selected from approved lists maintained by the college. Bit.ly/19Ao6pc</li> </ul>		ELECTIVES Enough elective hours to reach 120 total (The number of elective hours needed may vary depending on course selections.)	VARY
INTRODUCTORY SCIENCE M 408C & 408D, or 408N & 408S & 408M	8-12	ADDITIONAL GRADUATION REQUIREMENTS	
1 of the following science sequences:	6-8	<ul> <li>☐ Minimum 21 upper-division CS hours in residence</li> <li>☐ Minimum 60 hours in residence overall</li> <li>☐ Minimum 42 upper-division hours</li> <li>☐ 120 hours total overall</li> <li>☐ Minimum grade of C- &amp; minimum 2.0 GPA in all Mathematics &amp; Natural Sciences courses</li> <li>☐ Minimum UT-Austin Grade Point Average of 2.0</li> <li>☐ Must apply to graduate during final semester</li> <li>☐ 2016–18 Catalog expires August 2024</li> </ul>	
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-level b. Mathematics, 3 upper-division hours (excluding M 325K, 340L, 341, and 362K)		_	