The University of Texas at Austin
College of Natural Sciences

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
First Year Signature Course	3
English Composition	3
Humanities	3
American & Texas Government	6
American History	6
Social & Behavioral Science	3
Mathematics *(Fulfilled by course in major)*	0
Science & Technology-I *(Fulfilled by courses in major)*	0
Science & Technology-II *(Fulfilled by courses in major)*	0
Visual & Performing Arts	3

SKILLS & EXPERIENCE FLAGS

Flags attached to courses are displayed in the online Course Schedule.

Two Writing Flags:	☐ ☐

1. Core Writing Flag *(cannot also fulfill another core curriculum requirement)*
2. Additional Writing Flag
   Note: One of the two writing flags must be upper-division.

One Quantitative Reasoning Flag	☐
One Global Cultures Flag	☐
One Cultural Diversity in the U.S. Flag	☐
One Ethics and Leadership Flag	☐
One Independent Inquiry Flag	☐

FOREIGN LANGUAGE

1 of the following:	6–12

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

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-level
b. Mathematics, 3 upper-division hours (excluding M 325K, 340L, 341, and 362K)

OPTION 4: INTEGRATED PROGRAM

The Integrated Program option is a curriculum of undergraduate and graduate coursework that allows students to simultaneously earn the BS in Computer Science and the MS in Computer Science, the MS in Information Studies, or the MS in Computational Science. View the departmental website for more information about the option, including admission.

	Minimum Hours Required
Linear Algebra:	3
M 340L, SDS 329C, or M 341	
Probability:	3
SDS 321 or M 362K	
Programming:	6
CS 312	
CS 314 or 314H	
Theory:	6
CS 311 or 311H	
CS 331 or 331H	
Systems:	8
CS 429 or 429H	
CS 439 or 439H	
18 additional upper-division CS hours	18

Note: 9 of the 18 upper-division CS hours are substituted for a 3rd course from approved lists in programming, theory, and systems.

ELECTIVES

Enough elective hours to reach 120 total	VARY

(The number of elective hours needed may vary depending on course selections.)

ADDITIONAL GRADUATION REQUIREMENTS

- ☐ Minimum 21 upper-division CS hours in residence
- ☐ Minimum 60 hours in residence overall
- ☐ Minimum 42 upper-division hours
- ☐ 120 hours total overall
- ☐ Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses
- ☐ Minimum UT-Austin Grade Point Average of 2.0
- ☐ Must apply to graduate during final semester
- ☐ 2016–18 Catalog expires August 2024