The University of Texas at Austin
College of Natural Sciences

Bachelor of Science in Computer Science (BS) 2020–22 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, 301C, or 301H; & CH 302, 302C, 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 2: TURING SCHOLARS HONORS

	Minimum Hours Required
Linear Algebra: M 340L, SDS 329C, or M 341	**3**
Probability: SDS 321 or M 362K	**3**
Programming: CS 314 or 314H	**3**
Theory: CS 311 or 311H CS 331 or 331H	**6**
Systems: CS 429 or 429H CS 439 or 439H	**8**
21 additional upper-division CS hours *Note: 9 of the 21 upper-division CS hours are substituted for a 3rd course from approved lists in programming, theory, and systems.*	**21**
HONORS COURSEWORK:	
CS 178H	**1**
Within Option 2 coursework, complete 5 upper-division CS honors courses (excluding CS 429H, 178H, and 379H)	
CS 379H *Note: CS 379H must be approved upon completion by the Turing Scholars Program Director*	**3**

All transfer coursework must be approved by faculty before it can count towards a computer science degree, except where equivalency is specified by state regulations.

ELECTIVES

Enough elective hours to reach 120 total *(The number of elective hours needed may vary depending on course selections.)*	**VARY**

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 Computer Science Grade Point Average of 3.3
- ☐ Minimum UT-Austin Grade Point Average of 3.3
- ☐ Must apply to graduate during final semester
- ☐ 2020–22 Catalog expires August 2028