# Bachelor of Arts – Computer Science Major

## (BA) 2020–22 Checklist

### Core Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core courses must be chosen from approved lists. <a href="bit.ly/1d6oP6l">bit.ly/1d6oP6l</a></td>
<td></td>
</tr>
</tbody>
</table>

- **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**: 6
- **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**:
  - Core Writing Flag (cannot also fulfill another core curriculum requirement)
  - 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

Attainment of an intermediate level of competency in a language other than English by completing 1 of the following:

- a. certified proficiency on a placement or credit-by-examination test
- b. a passing grade in a language course listed in the College of Liberal Arts section (page 332)
- c. Students who wish to meet the requirement with proficiency in a language not listed in the table found in the College of Liberal Arts section above should contact the Texas Language Center

| Minimum Hours Required | 6–18 |

### Social Science

3 hours from a list of approved courses maintained by the College of Liberal Arts, in addition to the course used to fulfill the social & behavioral science core requirement. The course must be in a different field of study from the course used to fulfill the social & behavioral science core curriculum requirement.

| Minimum Hours Required | 3 |

### Cultural Expression, Human Experience, and Thought

3 hours from a list of approved courses maintained by the College of Liberal Arts. A course counted toward the core curriculum may not also be counted toward this requirement.

| Minimum Hours Required | 3 |

### Natural Science

6 hours (Fulfilled by courses in major)

| Minimum Hours Required | 6 |

### Computer Science Major

<table>
<thead>
<tr>
<th>Mathematics:</th>
<th>10–14</th>
</tr>
</thead>
<tbody>
<tr>
<td>M 408C or 408N &amp; 408S</td>
<td></td>
</tr>
<tr>
<td>M 340L or SDS 329C. M 341 may substitute for this requirement.</td>
<td></td>
</tr>
<tr>
<td>SDS 321. M 362K may substitute for this requirement.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer science:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory: CS 311 or 311H, and 331 or 331H</td>
<td></td>
</tr>
<tr>
<td>Programming: CS 312, and 314 or 314H</td>
<td></td>
</tr>
<tr>
<td>Systems: CS 429 or 429H, and 439 or 439H</td>
<td></td>
</tr>
<tr>
<td>21 additional hours of approved upper-division CS</td>
<td></td>
</tr>
</tbody>
</table>

Note: 9 of the 21 upper-division CS hours are substituted for a 3rd course from approved lists in theory, programming, and systems.

- CS 370 may count once toward a degree in computer science.
- An undergraduate may not enroll in any computer science course more than once without written consent of an undergraduate adviser in computer science.
- No student may enroll in any computer science course more than twice.
- No student may take more than 3 upper-division computer science courses in a semester without written consent of an undergraduate adviser in computer science.

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.)*

| Minimum Hours Required | VARY |

### Additional Graduation Requirements

- Minimum 18 hours of major in residence, including 6 upper-division hours
- Minimum 21 upper-division hours in residence
- 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 Mathematics & Natural Sciences courses
- Minimum UT-Austin Grade Point Average of 2.0
- Must apply to graduate during final semester
- 2020–22 Catalog expires August 2028