# Bachelor of Science in Statistics and Data Science (BS) 2022–24 Checklist

## CORE CURRICULUM
Core courses must be chosen from approved lists. [bit.ly/1d6oP6l](bit.ly/1d6oP6l)

<table>
<thead>
<tr>
<th>First Year Signature Course</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>American &amp; Texas Government</td>
<td>6</td>
</tr>
<tr>
<td>American History</td>
<td>6</td>
</tr>
<tr>
<td>Social &amp; Behavioral Science</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics (Fulfilled by course in major)</td>
<td>0</td>
</tr>
<tr>
<td>Science &amp; Technology-I (Fulfilled by courses in major)</td>
<td>0</td>
</tr>
<tr>
<td>Science &amp; Technology-II (Fulfilled by courses in major)</td>
<td>0</td>
</tr>
<tr>
<td>Visual &amp; Performing Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

## BREADTH REQUIREMENT:
At least 12 semester hours including 6 upper-division hours, in a single field of study other than Statistics and Data Sciences

- The following courses in statistics and data sciences:
  - a. Core courses for the major:
    - SDS 313
    - SDS 315
    - SDS 431
    - SDS 334
    - SDS 336
    - SDS 354
    - SDS 357
  - b. 6 additional credit hours from an approved list of courses

## 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 □

## INTRODUCTORY SCIENCE

<table>
<thead>
<tr>
<th>Calculus:</th>
<th>M 408C and 408D, 408K, 408L, and 408M; or 408N, 408S, and 408M</th>
<th>8–12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear algebra:</td>
<td>M 340L or 341</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to programming:</td>
<td>C S 303E or 312, or an equivalent C S course</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Databases:</td>
<td>C S 327E or an equivalent C S course</td>
<td>3</td>
</tr>
</tbody>
</table>

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

## ADDITIONAL GRADUATION REQUIREMENTS
- Minimum 21 upper-division hours of SDS must be completed 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
- 2022-24 Catalog expires August 2030