# Bachelor of Science in Neuroscience (BS) 2018–20 Checklist

## Core Curriculum
Core courses must be chosen from approved lists.

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Signature Course</td>
<td>3</td>
</tr>
<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>

## 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**: □

## Dean's Scholars Core
Breadth requirement (credit earned by examination may not count):

- 1 honors mathematics course 3–4
- Biology 315H and 325H 6
- Chemistry 301H and 302H 6
- 1 of the following: 4
  - PHY 301 & 101L
  - PHY 316 & 116L
  - *PHY 316 & 116L may not count toward both the Dean's Scholars Core requirement and the option requirement.

### Non-science coursework

- UGS 302 or 303 approved by departmental honors adviser
- RHE 309S restricted to students in the Dean’s Scholars Honors Program

### Approved by Honors Faculty Adviser
6 hours in the College of Liberal Arts and the College of Fine Arts
7 additional hours

### Honors thesis:
NEU 379H

## Option 2: Neuroscience Honors

<table>
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<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
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<tbody>
<tr>
<td>1 course: SDS 321, 325H, or 328M</td>
<td>3</td>
</tr>
<tr>
<td>Other statistics course may be approved by the departmental honors adviser.</td>
<td></td>
</tr>
</tbody>
</table>

### Neural Systems:
NEU 330
NEU 335

### 2 laboratory courses:

### 2 courses from:
- **Note**: Only 3 hours of NEU 377 may be applied toward this requirement.

### General chemistry labs and biology:
CH 204 and BIO 206L

### Organic chemistry sequence:
CH 328M, 128K, 328N, 128L

### Cellular or molecular biology:
BIO 320 or 344

### Developmental biology and evolution:
BIO 349 and 370

### 1 course or pair of courses from:
PHY 316 & 116L*, 315 & 115L, 338K, 345, 355
- **Note**: PHY 316 & 116L may not count toward both the option requirement and the Dean’s Scholars Core requirement.

## 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 in residence
- □ Minimum 18 upper-division BIO and NEU 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 3.5
- □ Must apply to graduate during final semester
- □ 2018–20 Catalog expires August 2026

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<tr>
<th>Course</th>
<th>Minimum Hours Required</th>
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<tbody>
<tr>
<td>NEU 379H</td>
<td>6</td>
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