

| CORE CURRICULUM   | Minimum Hours Required                            | OPTION 10:<br>COMPUTATIONAL BIOLOGY   | Minimum Hours Required |
|---|---|---|------------------------|
| Core courses must be chosen from approved lists.<br><a href="https://bit.ly/1d6oP6I">bit.ly/1d6oP6I</a>   |   | <b>SDS 329C, M 340L, or M 341</b>   | <b>3</b>               |
| <b>First Year Signature Course</b>  | <b>3</b>  | <b>SDS 321 or M 362K</b>  | <b>3</b>               |
| <b>English Composition</b>  | <b>3</b>  | <b>SDS 322E</b>   | <b>3</b>               |
| <b>Humanities</b>   | <b>3</b>  | <b>2 courses from:</b>  | <b>6-7</b>             |
| <b>American &amp; Texas Government</b>  | <b>6</b>  | CS 303E, 313E, 323E, 323H, 324E, 326E, 327E, 329E; M 408D, 358K, 378K; SDS 322, 326E, 324E, 335, 352, 353, 358, 374C, 374E  |                        |
| <b>American History</b>   | <b>6</b>  | <b>2 courses from Genetics, genomics, and computational biology:</b>  | <b>6-7</b>             |
| <b>Social &amp; Behavioral Science</b>  | <b>3</b>  | BCH 339N; INB 321G, MBS 325T, 356E, 327G, 366, 366R, INB 471  |                        |
| <b>Mathematics</b> (Fulfilled by course in major)   | <b>0</b>  | <b>2 courses selected freely from the following lists:</b>  | <b>6-8</b>             |
| <b>Science &amp; Technology-I</b> (Fulfilled by courses in major)   | <b>0</b>  | <b>Cellular, developmental, and molecular biology:</b> BCH 369 or 339F, 339J, 339M, 364F, MBS 320, 326R, 330, 336, 355, 339M, 344, 360K, 350, 350M, 361   |                        |
| <b>Science &amp; Technology-II</b> (Fulfilled by courses in major)  | <b>0</b>  | <b>Physiology, neuroscience, and behavior:</b> MBS 328, INB 438L, 359K, 361T, MBS 367C, INB 365S, 374, NEU 330, MNS 355C  |                        |
| <b>Visual &amp; Performing Arts</b>   | <b>3</b>  | <b>Ecology, evolution, and biodiversity:</b> INB 322, 323, 324, 346, 351, 364, 471G, 373, 375, MNS 320, 352C, 352D, 352E, 353, 354, 354C, 354E, 354Q, 356, 357  |                        |
| <b>SKILLS &amp; EXPERIENCE FLAGS</b>  |   | <b>1 additional laboratory course from:</b>   | <b>1-4</b>             |
| Flags attached to courses are displayed in the online Course Schedule.  |   | BIO 320L, 122L, 124L, 128L, 129L, 325L, 328D, INB 122L, 124L, 440L, 446L, 448L, 453L, 354L, 455L, 463L, 165U, 369F, 369L, 371L, 373L, 174L, 478L, 359L, 470L; MBS 320L, 128L, 328D, 230L, 331L, 349L, 353F, 260L, 361L; BIO 325L, 456L; MNS 120L, 152L. Some labs may require credit or registration in a lecture course. |                        |
| <b>Two Writing Flags:</b>   | <input type="checkbox"/> <input type="checkbox"/> | <b>9 hours of additional upper-division selected from BCH, BIO, CH, MNS, Mathematics, PHY, and SDS</b>  | <b>9</b>               |
| 1. Core Writing Flag (cannot also fulfill another core curriculum requirement)  |   | <b>ELECTIVES</b>  | <b>VARY</b>            |
| 2. Additional Writing Flag<br><i>Note: One of the two writing flags must be upper-division.</i>   |   | <b>Enough elective hours to reach 120 total</b>   |                        |
| <b>One Quantitative Reasoning Flag</b>  | <input type="checkbox"/>                          | (The number of elective hours needed may vary depending on course selections.)  |                        |
| <b>One Global Cultures Flag</b>   | <input type="checkbox"/>                          | <b>ADDITIONAL GRADUATION REQUIREMENTS</b>   |                        |
| <b>One Cultural Diversity in the U.S. Flag</b>  | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum 21 upper-division BIO hours in residence   |                        |
| <b>One Ethics and Leadership Flag</b>   | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum 60 hours in residence overall  |                        |
| <b>One Independent Inquiry Flag</b>   | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum 36 upper-division hours  |                        |
| <b>BIOLOGY COMMON CORE</b>  |   | <input type="checkbox"/> 120 hours total overall  |                        |
| M 408C or 408R or 408N & 408S.<br><i>Students who intend to take additional calculus should begin with 408C or 408N.</i>  | <b>4-8</b>  | <input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses  |                        |
| CH 301 or 301C; 302 or 302C; and 204  | <b>8</b>  | <input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0   |                        |
| BIO 311C, 311D, and 325; or 315H and 325H   | <b>6-9</b>  | <input type="checkbox"/> Must apply to graduate during final semester   |                        |
| BIO 206L, INB 208L, or MBS 226L   | <b>2</b>  | <input type="checkbox"/> 2024-26 Catalog expires August 2032  |                        |
| INB 370   | <b>3</b>  |   |                        |
| SDS 320E  | <b>3</b>  |   |                        |
| <b>1 of the following sequences:</b>  | <b>8</b>  |   |                        |
| PHY 317K, 105M, 317L, 105N (recommended)<br>PHY 302K, 105M, 302L, 105N<br>PHY 303K, 105M, 303L, 105N<br>PHY 301, 101L, 316, 116L  |   |   |                        |
| <i>Note: Option 3 (Marine Science), 4 (Microbiology and Infectious Diseases), and 8 (Teaching) have an alternative lab requirement in Biology Common Core. Introductory science is substantially different for Option 9 (Biology Honors).</i> |   |   |                        |