

| <b>CORE CURRICULUM FLAGS</b>   | Minimum Hours Required                            | <b>OPTION 11: BIOLOGY</b>   | Minimum Hours Required |
|--|---|---|------------------------|
| Core courses must be chosen from approved lists.<br><i>bit.ly/1d6oP6I</i>  |   | <b>2 courses from Cellular, developmental, and molecular biology:</b>   | <b>6</b>               |
| <b>First Year Signature Course</b>   | <b>3</b>  | BCH 369 or 339F, 339J, 339M, 364F; BIO 320, 326R, 330, 335, 336, 339, 339M, 343M, 344, 347 or 360K, 349, 350M, 360M, 361  |                        |
| <b>English Composition</b>   | <b>3</b>  | <b>2 courses from Genetics, genomics, and computational biology:</b>  | <b>6–7</b>             |
| <b>Humanities</b>  | <b>3</b>  | BCH 339N; BIO 321G, 325T, 327E, 327G, 354C, 366, 366R, 471; SDS 348   |                        |
| <b>American &amp; Texas Government</b>   | <b>6</b>  | <b>2 courses from Physiology, neurobiology, and behavior:</b>   | <b>6–7</b>             |
| <b>American History</b>  | <b>6</b>  | BIO 328, 438L, 359K, 359R, 361T, 365N, 365S, 374; MNS 355; NEU 330  |                        |
| <b>Social &amp; Behavioral Science</b>   | <b>3</b>  | <b>2 courses from Ecology, evolution, and biodiversity:</b>   | <b>6–7</b>             |
| <b>Mathematics (Fulfilled by course in major)</b>  | <b>0</b>  | BIO 322, 324, 346, 351, 357, 364, 471G, 373, 375; MNS 320, 352C, 352D, 352E, 353, 354, 354C, 354E, 354Q, 356, 357. Some lectures require credit or registration in a lab course.  |                        |
| <b>Science &amp; Technology-I (Fulfilled by courses in major)</b>  | <b>0</b>  | <b>2 additional laboratory courses:</b>   | <b>2–8</b>             |
| <b>Science &amp; Technology-II (Fulfilled by courses in major)</b>   | <b>0</b>  | BIO 320L, 122L, 323L, 124L, 128L, 129L, 325L, 328D, 230L, 331L, 340L, 446L, 448L, 349L, 353F, 453L, 354L, 455L, 456L, 160L, 361L, 463L, 165U, 369F, 369L, 371L, 472L, 373L, 174L, 478L; MNS 120L, 152L. Some labs require credit or registration in a lecture course. |                        |
| <b>Visual &amp; Performing Arts</b>  | <b>3</b>  | <b>12 hours of additional upper-division selected from BCH, BIO, CH, MNS, Mathematics, SDS, and PHY</b>   | <b>12</b>              |
| <b>SKILLS &amp; EXPERIENCE FLAGS</b>   |   | <b>ELECTIVES</b>  | <b>VARY</b>            |
| Flags attached to courses are displayed in the online Course Schedule.   |   | <b>Enough elective hours to reach 120 total</b>   |                        |
| <b>Two Writing Flags:</b>  | <input type="checkbox"/> <input type="checkbox"/> | (The number of elective hours needed may vary depending on course selections.)  |                        |
| 1. Core Writing Flag (cannot also fulfill another core curriculum requirement)   |   | <b>ADDITIONAL GRADUATION REQUIREMENTS</b>   |                        |
| 2. Additional Writing Flag<br><i>Note: One of the two writing flags must be upper-division.</i>  |   | <input type="checkbox"/> Minimum 21 upper-division BIO hours in residence   |                        |
| <b>One Quantitative Reasoning Flag</b>   | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum 60 hours in residence overall  |                        |
| <b>One Global Cultures Flag</b>  | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum 36 upper-division hours  |                        |
| <b>One Cultural Diversity in the U.S. Flag</b>   | <input type="checkbox"/>                          | <input type="checkbox"/> 120 hours total overall  |                        |
| <b>One Ethics and Leadership Flag</b>  | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum grade of C- & minimum 2.0 GPA in all Mathematics & Natural Sciences courses  |                        |
| <b>One Independent Inquiry Flag</b>  | <input type="checkbox"/>                          | <input type="checkbox"/> Minimum UT-Austin Grade Point Average of 2.0   |                        |
| <b>BIOLOGY COMMON CORE</b>   |   | <input type="checkbox"/> Must apply to graduate during final semester   |                        |
| 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"/> 2016–18 Catalog expires August 2024  |                        |
| CH 301 or 301H, 302 or 302H, and 204   | <b>8</b>  |   |                        |
| BIO 311C, 311D, and 325; or 315H and 325H  | <b>6–9</b>  |   |                        |
| BIO 206L, 208L, or 226L  | <b>2</b>  |   |                        |
| BIO 370  | <b>3</b>  |   |                        |
| SDS 328M   | <b>3</b>  |   |                        |
| <b>1 of the following sequences:</b>   | <b>8</b>  |   |                        |
| PHY 317K, 117M, 317L, 117N (recommended)<br>PHY 302K, 102M, 302L, 102N<br>PHY 303K, 103M, 303L, 103N<br>PHY 301, 101L, 316, 116L   |   |   |                        |
| <i>Note: Option 3 (Marine and Freshwater 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> |   |   |                        |