Bachelor of Science in Biology (BS) 2020–22 Checklist

| CORE CURRICULUM Core courses must be chosen from approved lists. bit.ly/1d6oP6l | Minimum Hours Required | OPTION 1: ECOLOGY, EVOLUTION, AND BEHAVIOR | Minimum Hours Required |
|---|---------------------------|--|---------------------------|
| , | | 1 course or pair of courses from Ecology: | 3–4 |
| First Year Signature Course | 3 | BIO 357, 373, or MNS 320 and 120L | |
| English Composition | 3 | 1 course or pair of courses from Behavior | |
| | 3 | and comparative physiology: BIO 322 and 122L, 359K, or 361T | 3–4 |
| American & Texas Government | 6 | - | |
| American History | 6 | 1 course or pair of courses from Taxon-based course: | 3–4 |
| Social & Behavioral Science | 3 | BIO 321L, 324 and 124L, 327 and 127L, 340L, | |
| Mathematics (Fulfilled by course in major) | 0 | 448L, 351, 352, 353F, 453L, 354L, 455L, 463L, 369F, 369L; MNS 352D, 354, 354C, 354E | |
| Science & Technology-I (Fulfilled by courses in major) | 0 | _ | |
| Science & Technology-II (Fulfilled by courses in major) | 0 | 1 course in Cellular, developmental, genetics, microbiology, or molecular biology: | 3 |
| /isual & Performing Arts | 3 | BIO 320, 320L, 325L, 325T, 326R, 328, 331L, 344, 349, 349L, 350M, 366R | |
| SKILLS & EXPERIENCE FLAGS Flags attached to courses are displayed in the online Course Schedule. | | 3 additional courses or pair of courses chosen freely from: Ecology: BIO 357, 373, or MNS 320 and 120L | 9–12 |
| | | Behavior and comparative physiology: BIO | |
| 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 | | 322 and 122L, 359K, or 361T Taxon-based course: BIO 321L, 324 and 124L, 327 and 127L, 340L, 448L, 351, 352, 353F, 453L, 354L, 455L, 463L, 369F, 369L; MNS 352D, 354, 354C, 354E Alternative courses: BIO 438L, 471G, 456L, 359R, 364, 364E, 472L, 373L, 374 and 174L, 375, 478L; MNS 352C, 354Q | |
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| One Global Cultures Flag | | 1 laboratory course or pair of courses containing a substantial field component: | 3–4 |
| One Cultural Diversity in the U.S. Flag | | BIO 321L, 340L, 353F, 453L, 354L, 455L, 456L, | |
| One Ethics and Leadership Flag | | 369L, 373L; MNS 320 and 120L, 352C, 352D, 354, 354C, 354E. Courses used to meet lab | |
| One Independent Inquiry Flag | | requirements may also count toward other option requirements. | |
| BIOLOGY COMMON CORE M 408C or 408R or 408N & 408S. Students who intend to take additional calculus should begin with 408C or 408N. CH 301, 301C, or 301H; 302, 302C, or 302H; and 204 | 4-8 8 | 1 additional laboratory course: BIO 320L, 321L, 124L, 127L, 325L, 331L, 438L, 340L, 448L, 349L, 353F, 453L, 354L, 455L, 456L, 369L, 472L, 373L, 174L, 478L; MNS 120L, 352C, 352D, 354, 354C, 354E, 354Q. Courses used to meet lab requirements may also count toward other option requirements. Some labs | 1-4 |
| | | require credit or registration in a lecture course. | |
| BIO 311C, 311D, and 325; or 315H and 325H | 6–9 | - 1 course from: | 3 |
| BIO 206L, 208L, or 226L | 2 | CH 320M; CS 303E, 313E; GEO 401, 303; SDS 332, 348 | |
| BIO 370 | 3 | ELECTIVES | |
| SDS 328M | 3 | Enough elective hours to reach 120 total (The number of elective hours needed may vary depending on | VARY |
| l of the following sequences: | 8 | course selections.) | |
| PHY 317K, 117M, 317L, 117N (recommended) PHY 302K, 102M, 302L, 102N PHY 303K, 103M, 303L, 103N PHY 301, 101L, 316, 116L Note: Option 3 (Marine Science), 4 (Microbiology and Infectious Diseases), and 8 (Teaching) have an alternative lab requirement in Biology Common Core. Introductory science | | ADDITIONAL GRADUATION REQUIREMENTS Minimum 21 upper-division BIO hours in reside Minimum 60 hours in residence overall Minimum 36 upper-division hours 120 hours total overall | nce |
| is substantially different for Option 9 (Biology Honors). | | ☐ Minimum grade of C- & minimum 2.0 GPA in al 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 | |