

Bachelor of Arts with a Major in Biology
2012-14 Catalog (Expires August 2020)

University Core Curriculum

First-Year Signature Course: UGS 302 or 303 ____

English: RHE 306 ____

Humanities: E 316K ____

American & Texas Government: 6 hrs from approved core list
____ + ____

American History: 6 hrs from approved core list
____ + ____

Social and Behavioral Science: 3 hrs from approved core list ____

Mathematics: 3 hrs from approved core list: ____ [M 408C or M 408N]

Science and Technology Part I: 6 hrs in a single subject from approved core list: ____ + ____ [BIO 311C + 311D]

Science and Technology Part II: 3 hrs from a subject other than the one chosen for Part I from approved core list: ____ [CH 301 or 301H]

Visual & Performing Arts: 3 hrs from approved core list ____

Note that no single course may be used to fulfill two core areas simultaneously. In most cases, students may satisfy both a *core requirement* and a *major requirement* with a single course. Plan II students may have additional options for some core requirements.

Additional General Education Requirements

Two Writing Flags (must include a course that is not used to meet a core requirement and a course that is upper-division): ____ + ____

Writing Flag courses may satisfy other degree requirements.

Foreign Language: 4 semesters in a single language or attainment of 4th semester foreign language proficiency: ____ + ____ + ____ + ____

Social Science: 3 hrs from a single field of study different than the course used for the Social & Behavior Science core requirement, chosen from list maintained by College of Liberal Arts: ____

Cultural Expression, Human Experience, and Thought: 3 hrs chosen from a list maintained by the College of Liberal Arts: ____

Natural Sciences: 6 additional hours will be satisfied by required mathematics and computer science courses.

Mathematics and Science, with Grades of C- or Better

Mathematics: M 408N or 408C ____

General Chemistry: CH 301 or 301H ____ + 302 or 302H ____ + 204 ____

ONE of the following sequences:

1) **Organic Chemistry:** CH 310M or 320M ____ + 310N or 320N ____ + 210C or 220C ____ **OR**

2) **Computer Science:** 6 hours, including 3 upper-division: _____ + _____ **OR**

3) **Physics:** PHY 302K (or 317K, 301 303K) ____ + PHY 102M (or 117M, 101L, 103M) ____
PHY 302L (or 317L, 316, 303L) ____ + PHY 102N (or 117N, 116L, 103N) ____

Introductory Biology, with Grades of C- or Better

Introductory Biology: 311C ____ + 311D ____ + 325 ____ or 315H ____ + 325H ____

Introductory Biology Laboratory: BIO 206L or 208L ____

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Upper-division Biology, 24 hours total, with Grades of C- or Better

Choose 3 hours from each of the following 8 lists, including 3 laboratory courses, for a minimum of 24 upper-division hours in Biology. Lab courses are bolded on the lists.

Many courses appear on more than one list but CANNOT count toward more than 1 of the 8 requirements. Please see your academic advisor for new courses added to approved lists.

- 1) Cellular, Developmental, and Molecular Biology, chosen from BIO 320, 344, or 349: _____
- 2) Ecology and Evolution, chosen from BIO 357, 370, or 373: _____
- 3) Additional Cellular, Developmental, and Molecular Biology, chosen from BIO 320, **320L, 323L, 325L**, 325T, 326R, **126L or 226L, 328D**, 330, **230L, 331L**, 332, 333, 335, 336, 339, 339M, 344, 347, 349, **349L**, 350M, 360K, **160L**, 366, 366R, 366S, **368L**, CH 369: _____
- 4) Physiology and Neurobiology, chosen from: BIO 322, **122L**, 328, 329, **129L**, 336, 339, 345, 345E, 359K, 359R, 360K, **160L**, 361, **361L**, 361T, 365D, **365L**, 365N, 365P (note: course has additional prerequisites), 365R, 365S, 365T, 165U, 365W, 366C, **371L**, 371M: _____
- 5) Ecology and Evolution, chosen from: BIO 328M or SSC 328M, **321L, 340L, 448L**, 351, 352, **453L, 354L, 455L, 456L**, 357, **458L**, 359J, 262, **262L**, 363, 364, **369L**, 370, 471G, 373, **373L**, 375; MNS **352C, 354Q** (both offered only at Port Aransas, TX, during summers): _____
- 6) Animal Biology, chosen from: BIO **321L, 438L, 340L**, 346, 446L, **448L, 453L, 354L, 455L**, 359J, 359K, 359R, 361T, 365S, **369L, 371L, 478L**; MNS 354, 354C (offered only at Port Aransas, TX, during summers): _____
- 7) Plant Biology, chosen from: BIO 322, **122L**, 324 & **124L**, 327 & **127L**, 328, **328D**, 350M, 351, 352, 262, **262L**, 363, 374 & **174L**, MNS **352D**: _____
- 8) Microbiology, chosen from: BIO 326R, **126L or 226L**, 329, **129L**, 330, **230L**, 333, 339, 364, MNS 354E: _____

CANNOT count toward more than 1 of the 8 requirements, other than 3 upper-division laboratory courses.

24 hours of upper-division Biology must include 3 laboratory courses, chosen from the courses that are bolded on the lists:

_____ + _____ + _____

Enough Additional Elective Hours to Reach a Total of 120 Hours including 36 Upper-division Hours

Minimum Grade Point Average Requirements

2.0 grade point average in all mathematics and science courses required by degree *: _____

2.0 grade point average in all courses taken at the University of Texas at Austin: _____

* Required mathematics and science courses may include: ACF, AST, BIO, CH, CS, EVS, GEO, HDF, HE, M, NSC, NEU, NTR, PHY, SSC, TXA, and UTS-Natural Sciences.

Total Hours and Residency Requirements

120 semester hours: _____

36 upper-division hours: _____

24 of the last 30 hours in residence: _____

60 hours in residence: _____

21 upper-division hours in residence: _____

18 hours of the major, including 6 upper-division, in residence: _____

No more than 16 hours of electives may be taken Pass/Fail. No more than 42 hours in a single field of study may be counted toward the degree. No more than 3 three-hour courses in Air Force Science, Military Science, and Naval Science may be counted toward the degree. The following courses will not count toward this degree: some Elements of Computing courses, KIN 119, or PED one-hour activity courses. Please check course descriptions of lower-division science courses not required for majors in the same field of study to see if they can or cannot count toward your degree.

Students may earn only one BA and one BS in Biology degree, though they may earn multiple majors. Students completing an additional degree must complete 24 hours in addition to those counted toward the bachelor's degree that requires the higher number of credit hours.