University Core Curriculum

<table>
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<tr>
<th>First-Year Signature Course: UGS 302 or 303</th>
<th>American History: 6 hrs from approved core list</th>
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<tbody>
<tr>
<td>English: RHE 306</td>
<td>American &amp; Texas Government: 6 hrs from approved core list</td>
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<td></td>
<td>Social and Behavioral Science: 3 hrs from approved core list</td>
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<td>Mathematics: 3 hrs from approved core list: [M 408N or M 408C]</td>
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<td>Science and Technology Part I: 6 hrs in a single subject from approved core list: [CH 301 or 301H and 302 or 302H]</td>
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<td>Science and Technology Part II: 3 hrs from a subject other than the one chosen for Part I from approved core list: [BIO 311C]</td>
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<td>Visual &amp; Performing Arts: 3 hrs from approved core list</td>
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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

Substantial Writing Components and/or Writing Flags (including a course that is not used to meet a core requirement and a course that is upper-division): _____ + _____

Substantial Writing Components and Writing Flags may satisfy other specific degree requirements.

Foreign Language, Option A, B, or C: ___________ + ___________
A) Two semesters in a single language or attainment of second-semester proficiency in one language:
B) First semester-level proficiency in a foreign language and a three-hour course in the culture of the same language:
C) Two three-hour culture courses chosen from one foreign culture category from and approved list available in the CNS Dean’s office and the college advising centers.

Introductory Mathematics and Science, with Grades of C- or Better

| Mathematics: M 408N _____ + 408S _____ OR M 408C _____ + 408D _____ |
| General Chemistry: CH 301 or 301H _____ + 302 or 302H _____ + 204 _____ |
| Organic Chemistry: CH 310M _____ + 310N _____ + 210C _____ |
| 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) _____ |

Marine Science with Grades of C- or Better

Oceanography: MNS 307 or GEO 307 _____

Biology 101C (Topic Marine Science Seminar): _____

Geological Sciences, 3 hours, from courses that may be counted toward a major in Geological Sciences: _____

Biology with Grades of C- or Better

Introductory Biology: BIO 311C _____ + 311D ______ + 325 _____ OR 315H _____ + 325H ______

Statistics: BIO 318M _____

Biology Breadth (Asterisked Courses may also count toward the Biology Required for Marine and Freshwater Biology lists)

Cellular, Developmental, and Molecular Biology, 3 hours: BIO 320, 326R*, 344, or 349: _____

Physiology and Neurobiology, 3 hours: BIO 328*, 361T*, 365R, or 365S: _____

Ecology and Evolution, 3 hours: BIO 357, 359K, 370*, or 373: _____
Bachelor of Science in Biology: Option III: Marine and Freshwater Biology
2010-12 Catalog (Expires August 2016)

Biology Required for Marine and Freshwater Biology Option (Asterisked Courses may also count toward the Biology Breadth lists)

Biology required for Marine and Freshwater Biology Option: BIO 126L ___ + 326R* ___ + MNS 120L ___ + MNS 320 ___.

21 upper-division hours in Biology, chosen from the following list: BIO 321L, 327 and 127L, 328*, 128L, 354L, 361T*, 370, 375; MNS 440, 352C, 352D, 353 (Topic 17: Marine Fish Physiology), 354C, 354Q, 354T, 354U, 367K, 170, 270, 370; BIO 364 or MNS 354E, GEO 422K:
_____ + _____+ _____+ _____+ _____+ _____+ _____+ _____+ _____+ _____

6 of the 21 upper-division hours must be completed at the Marine Science Institute at Port Aransas, TX: _____ + _____

4 Biology Laboratory Courses

1 Introductory Biology Laboratory: BIO 205L, 206L, 208L: _____

3 Upper-division Laboratory Courses (in Bold in list above): _____+ _____+ _____

Minimum 24 hours of upper-division Biology beyond BIO 325, from lists (includes biology breadth courses and upper-division laboratory courses): _____

Biology courses that appear on more than one list in Biology Required for Microbiology Option may be counted only once.

Enough Additional Elective Hours to Reach a Total of 126 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, NTR, PHY, SSC, TXA, and UTS-Natural Sciences.

Total Hours and Residency Requirements

126 semester hours: ___

36 upper-division hours: _____

60 hours in residence: ___

24 of the last 30 hours in residence: ___

24 upper-division Biology hours beyond BIO 325 from approved lists: ___

18 upper-division Biology hours in residence: ___

No more than 16 hours of electives may be taken Pass/Fail. Students may earn only one BA or one BS in Biology degree, though they may complete the requirements for additional 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.

CNS Academic Records Sept 2010