

**Bachelor of Science in Biology: Option VII: Plant 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 408N or M 408C]

**Science and Technology Part I:** 6 hrs in a single subject from approved core list: \_\_\_\_ + \_\_\_\_ [CH 301 or 301H and 302 or 302H]

**Science and Technology Part II:** 3 hrs from a subject other than the one chosen for Part I from approved core list: \_\_\_\_ [BIO 311C]

**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, 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 an 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 320M \_\_\_\_ + 320N \_\_\_\_ + 220C \_\_\_\_

**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:** BIO 311C \_\_\_\_ + 311D \_\_\_\_ + 325 \_\_\_\_ OR 315H \_\_\_\_ + 325H \_\_\_\_

**Biology Breadth Courses required for All BS Biology Options, with Grades of C- or Better**

**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\*: \_\_\_\_

\* Asterisked courses are also on the option and/or concentration lists. Courses used for the biology breadth requirements may also count toward the laboratory requirements and the option or concentration requirements.

**Plant Biology Option with Grades of C- or Better**

**24 upper-division hours in Biology, chosen from the following list:** BIO 320, **320L**, 322 and **122L**, 323L, 324 and **124L**, 327 and **127L**, 328, **128L**, **331L**, 343M, 350M, 351, 262 and **262L**, 363, 370, **472L**, 373, **373L**, 374 and **174L**, 375:

\_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_

Bolded courses may count toward the upper-division biology laboratory requirements.

