

# Bachelor of Science in Biology: Option VII: Plant Biology

## 2010-12 Catalog (Expires August 2016)

### 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

**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 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 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) \_\_\_\_

### Biology with Grades of C- or Better

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

**Biology Breadth (Asterisked Courses may also count toward the Biology Required for Plant Biology Option)**

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

**Biology Required for Plant Biology Option (Asterisked Courses may also count toward the Biology Breadth lists)**

**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:

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

### 4 Biology Laboratory Courses

**1 Introductory Biology Laboratory:** BIO 205L, 206L, 208L: \_\_\_\_

**3 Upper-division Laboratory Courses (in Bold in list above):** \_\_\_\_ + \_\_\_\_ + \_\_\_\_

Note: BIO 177, 277, and 377 may be counted only once toward 3 laboratory courses.

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Minimum 24 hours of upper-division Biology from lists (includes biology breadth courses and upper-division laboratory courses): \_\_\_\_\_

**Natural Sciences and Jackson School of Geosciences with Grades of C- or Better**

11 Additional Upper-division hours from Natural Sciences and Jackson School of Geosciences: \_\_\_\_\_

*Courses must fulfill major requirements in the departments that offer them.*

**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: \_\_\_\_\_                      60 hours in residence: \_\_\_\_\_  
36 upper-division hours: \_\_\_\_\_                      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.