

Bachelor of Science in Computer Science; Option I: Computer Science  
2012-14 Catalog (Expires August 2020)  
Admission to Major Required

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; CH 301 + 302; PHY 303K + 303L; GEO 401 + 404C or 405]

**Science and Technology Part II:** 3 hrs from a subject other than the one chosen for Part I from approved core list: \_\_\_\_ [CS 312]

**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.

Other 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 is 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 approved list available in the CNS Dean's office and the college advising centers.

Mathematics with Grades of C- or Better

**Mathematics:** M 408C \_\_\_\_ + 408D \_\_\_\_ or M 408N \_\_\_\_ + 408S \_\_\_\_ + 408M \_\_\_\_

**M 340L or 341 or Statistics and Scientific Computation 329C:** \_\_\_\_

**Statistics and Scientific Computation 321:** \_\_\_\_

Computer Science with Grades of C- or Better

**Computer Science**

CS 312 or 312H: \_\_\_\_

CS 314 or 314H: \_\_\_\_

CS 313K or 313H: \_\_\_\_

CS 336 or 336H: \_\_\_\_

CS 337: \_\_\_\_

CS 341 or 341H or 357 or 357H: \_\_\_\_

CS 345 or 345H: \_\_\_\_

CS 429 or 429H: \_\_\_\_

CS 439 or 439H: \_\_\_\_

**\* 15 Hours of Additional Upper-Division Computer Science:** \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_

\* CS 370 may be counted only once toward the degree. Upper-division transfer courses must be approved to count toward this requirement.

The Department of Computer Science is updating its undergraduate curriculum. Please contact a computer science academic adviser for assistance in choosing alternative courses to the required courses if you have not completed them already or if they are no longer offered.

