Bachelor of Science in Computer Science; Option V: Teaching (Senior Grades)
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.

Note: students in Option V are exempt from foreign language.

Mathematics with Grades of C- or Better

Mathematics: M 408C _____ + 408D _____ or M 408N _____ + 408S _____ + 408M _____
Mathematics 340L or 341 or Statistics and Scientific Computation 329C: _____

Computer Science with Grades of C- or Better

CS 312 or 312H: _____
CS 314 or 314H: _____
CS 313K or 313H: _____
CS 336 or 336H: _____
CS 337 or 337H: _____
CS 341 or 341H or 357 or 357H: _____
CS 345 or 345H: _____
CS 429 or 429H: _____
CS 439 or 439H: _____

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.

Computer Science Certification *OR* Computer Science and Mathematics Certification, with Grades of C- or Better

A. Computer Science Certification

Statistics and Scientific Computation: 321 _____
*** Computer Science, 15 additional upper-division hours:** _____ + _____ + _____ + _____ + _____
Choose one of the following sequences: _____ + _____

- BIO 325 and BIO 337 (Research Methods-UTeach)
- 3 hours of upper-division Chemistry approved by the undergraduate adviser and CH 368 (Research Methods-UTeach)
- PHY 315 and PHY 341 (Topic 7: Research Methods-UTeach)

B. Computer Science and Mathematics Certification

Mathematics: 315C ___ + 333L ___ + 362K ___ + 360M or 375D ___ + SSC 321 ___
*** Computer Science, 12 additional upper-division hours:** _____ + ___ + _____ + _____
Choose one of the following courses: _____

- BIO 337 (Topic 2: Research Methods-UTeach)
- CH 368 (Topic 1: Research Methods-UTeach)
- PHY 341 (Topic 7: Research Methods-UTeach)

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

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

UTeach Requirements with Grades of C- or Better

HIS 329U or PHL 329U_____
EDC 650S _____
EDC 365D or NSC 355 _____
UTeach-Natural Sciences: NSC 101 ___ + 110 ___ + 170 ___
EDC 365C or NSC 350 _____
EDC 365E or NSC 360 _____

Science Sequence with Grades of C- or Better

Complete ONE of the following sequences:

1. **Biological Sciences:** BIO 311C ___ + 311D ___ + BIO 206L or 208L _____
2. **Chemistry:** CH 301 or 301H ___ + 302 or 302H ___ + 204 ___.
3. **Geological Sciences:** GEO 401 ___ + 404C or 405 ___.
4. **Physics:** PHY 303K + 103M _____ + 303L + 103N ___.

Enough Additional Elective Hours to Reach a Total of **127** Hours (including **42** Upper-division Hours)

[Due to choices offered for alternatives to required Computer Science, students should carefully add up their upper-division hours to ensure that 42 upper-division hours will be completed prior to graduation.]

_____ + _____ + _____ + _____ + _____ + _____ + _____ + _____ + _____

Minimum Grade Point Average Requirements

2.0 grade point average in all mathematics and science courses required by degree *: _____
2.5 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, NEU, NSC, NTR, PHY, SSC, TXA, and UTS-Natural Sciences.

Total Hours, Residency, and Portfolio Requirements

127 semester hours: ___
42 upper-division hours: ____
Passing Final Teaching Portfolio Review: _____
60 hours in residence: ___
21 upper-division hours of Computer Science in residence: ___
24 of the last 30 hours in residence: ___

No more than 16 hours of electives may be taken Pass/Fail. 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. 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 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.

Additional Information

This checklist has been created as a guide and is not considered an official document. For further information about meeting degree requirements, consult your academic advisor.

UNDERGRADUATE ADVISING CENTER
DEPARTMENT OF COMPUTER SCIENCE
(512) 471-9509
E-MAIL: under-info@cs.utexas.edu
www.cs.utexas.edu/academics/

CNS Academic Records Sept 2012