Bachelor of Science in Computer Science  
2016 - 2018 Catalog

Core Curriculum Requirements* (27 hrs)
___ UGS 302 or 303 First-Year Signature Course  
___ RHE 306 Rhetoric & Composition  
___ E 316P/N/M/L/K Literature  
___ American History 1  
___ American History 2  
___ American Government  
___ Government 2  
___ Social & Behavioral Science  
___ Visual & Performing Arts  
✔ Mathematics (fulfilled by M 408N/C)  
✔ Science Sequence, 6 hrs (fulfilled by degree requirements)  
✔ Science, 3 additional hours (fulfilled by CS 312)  
✔ Writing flag (from course not fulfilling core curriculum)  
*Courses that fulfill above core curriculum requirements are designated in course schedule.

Foreign Language or Culture Requirement (minimum 6 hrs) 
___ 3-6 hrs foreign language or approved culture course  
___ 3-6 hrs foreign language or approved culture course

Course Flag Requirements
___ Upper division writing flag (WR)  
___ Additional writing flag (WR)  
   *1 WR flag must not overlap with core  
✔ Independent Inquiry flag (II) (fulfilled by CS 439, beg. Spring ‘18)  
✔ Quantitative Reasoning flag (QR) (fulfilled by CS 314)  
___ Cultural Diversity flag (CD)  
___ Global Cultures flag (GC)  
___ Ethics & Leadership flag (EL)

Computer Science Requirements (44 hrs)
___ CS 312 Intro to Programming  
___ CS 311 Discrete Math  
___ CS 314 Data Structures  
___ CS 429 Computer Architecture  
___ CS 439 Operating Systems  
___ CS 331 Algorithms  
___ CS Upper Division Elective (UDE) #1  
___ CS UDE #2  
___ CS UDE #3  
___ CS UDE #4  
___ CS UDE #5  
___ CS UDE #6  
___ CS UDE #7  
___ CS UDE #8

Lower Division Mathematics Requirements (8-12 hrs) 
___ M 408N Traditional Calculus 1 +  
___ M 408S Traditional Calculus 2 +  
___ M 408M Traditional Calculus 3 +  
   OR  
   ___ M 408C Accelerated Calculus 1 +  
   ___ M 408D Accelerated Calculus 2

Science & Upper Division Math Requirements (15-18 hrs) 
___ SDS 321 Statistics & Probability or M 362K Probability 1  
___ M 340L Matrices or SDS 329C Practical Linear Algebra  
___ Science Sequence (must complete 1 approved, full sequence)  
   • Chemistry 301 + 302 or  
   • Biology 311C + 311D or  
   • Physics 303K + 103M + 303L + 103N or  
   • Physics 301 + 101L + 316 + 116L  
___ 3-4 additional hours science, geology, or upper division math  
   • Chemistry 301, Biology 311C, Physics 303K + 103M, Physics 301 + 101L, Geology 401, or any upper division math course except M 340L, M 341, M 362K, M 325K

General Electives* (7-20 hrs)
___ 120 hours total *Physical activity courses (PED or KIN) and non-majors science courses will not toward the required 120 hours. Only 6 hours of pass/fail coursework will count toward the required 120 hours.

AP Exam  
Credit  
Language, score of 3-5  
RHE 306  
Literature, 4-5  
E 316P  
US History, 3-5  
HIS 315L (American History 2)  
American Government, 3-5  
GOV 310L (American Government)  
Psychology, Human Geography or Macro/Microeconomics, 3-5  
Social & Behavioral Science  
Music Theory or Art History, 3-5  
Visual and Performing Arts  
Computer Science A, 4-5  
CS 312  
Chemistry, 4-5  
Chemistry 301 & 302  
Biology, 5  
Biology 311C & 311D  
Physics C: Mechanics, 3-5  
Physics 303K & 103M or 301 & 101L  
Physics C: E & M, 3-5  
Physics 303L & 303N or 316 & 116L  
Calculus, AB or BC  
Varies

For planning purposes only; please consult your academic advisor for degree requirements and progress

Computer Science Advising  
GDC 2.702
under-info@cs.utexas.edu