BS/MS in Computer Science 5-Year Integrated Program
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
- 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 C S 312)
✔ Writing flag (from course not fulfilling core curriculum)

*Courses that fulfill above core curriculum requirements are designated in course schedule.

Computer Science Requirements (38 hrs)
- C S 312 Intro to Programming
- C S 311 Discrete Math
- C S 314 Data Structures
- C S 429 Computer Architecture
- C S 439 Operating Systems
- C S 331 Algorithms
- C S Upper Division Elective (UDE) #1
- C S UDE #2
- C S UDE #3
- C S UDE #4
- C S UDE #5
- C S UDE #6

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 + 303L + 303L + 103N or
  - Physics 301 + 101L + 316 + 116L
- 3-4 additional hours science, geology, or upper division math
  - Chemistry 301, Biology 311C, Physics 303K + 303L, 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 *

AP Exam | Credit
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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 | C S 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
BS/MS in Computer Science 5-Year Integrated Program

Application Requirements

• Apply in spring of junior year. Applications are due by May 1st.
• Must be pursuing BS in Computer Science
• Minimum 3.0 Overall UT GPA (Required)
• Minimum 3.5 CS GPA
• 12hrs or less heading into fall semester of senior year
• Completion of all C S core courses BEFORE entering stage one (C S 312, 311, 314, 429, 439, 331)

Application Checklist (All Due by May 1st)

• 5-Year Integrated Program Application: Found on the Computer Science website under 5-Year tab/Info – Apply directly to the program of interest. All three possible. Upload as single PDF.
• Statement of Purpose
• Three Letters of Recommendation
• Resume (optional)
• List of Publications (optional)

Rules and Requirements (Stage I / 4th Year)

• 15hrs max per semester when taking graduate courses
• Take a minimum of 12hrs of graduate coursework (6hrs in fall and 6hrs in spring) along with remaining undergraduate coursework
• GRE required – complete by April 1
• Apply to the Graduate School by May 15
• Maintain a 3.0 GPA in C S undergraduate/graduate coursework AND NO grade below a “B-” in a C S graduate course
• No course can count towards both undergraduate and graduate credit
• Only 12 hrs of graduate credit can be reserved as an undergraduate
• All undergraduate coursework MUST be completed by the end of the summer prior to beginning stage 2 of the program. NO EXCEPTIONS.

Rules and Requirements (Stage II / 5th Year)

• 30hrs total (12hrs taken in Stage 1)
• 9hrs of Diversity Coursework (1 Course From Each Area: Theory, Systems, Applications)
• 15hrs of Computer Science Coursework in Area of Interest
• 6hrs of Minor Coursework Outside of C S (approved by Graduate Advisor)
• Must maintain at least a 3.0 GPA in all graduate coursework to obtain degree

For more information please contact your C S advisor, or you can email your inquires to fiveyear@cs.utexas.edu.