Sequence of CS Core Courses and Concentrations
(UTSA 2018-2020 Catalog)

Assumed Precollege
- MAT 1073 Algebra for Scis. & Engs.
- MAT 1093 Precalculus

MAT 1214 Calculus I
- MAT 1224 Calculus II
- CS 2233 Discrete Math
- CS 3333 Math. Foundations

CS 1083 Programming I
- CS 1713/1 Programming II
- CS 2123/1 Data Structures

CS 3443 App. Programming
- CS 3423/1 Syst. Programming
- CS 3343 Analysis of Alg.
- CS 3723 Prog. Languages
- CS 3743 Database Systems
- CS 3733 Operating Systems

CS 3843/1 Comp. Org.
- CS 3853 Comp. Architecture

Degree Hours:
- 42 hours core curriculum
- 48 hours required CS courses
- 24 hours upper division CS electives
- 6 hours free electives
- 120 hours total

Gateway Courses
Students pursuing the B.S. degree in Computer Science must successfully complete each of the Gateway Courses with a grade of "C-" or better in no more than two attempts.