

# Bachelor of Science & Arts in CS: Sample 4-Year Plan

Year One	
CS 312: Intro to Programming (3 hours)*	CS 311: Discrete Math (3)
M 408N or M 408C: Calculus 1 (4)*	CS 314: Data Structures (3)
UGS 302/303: First Year Seminar (3)*	M 408S: Calculus 2 (4) <sup>1</sup>
Social Science (3)*	RHE 306: Rhetoric & Composition 1 (3)*
Visual & Performing Arts (3)*	Language, Arts & Culture #1 (3) <sup>2</sup>
Year Two	
CS 429: Comp. Org & Arch (4)	CS 439: Operating Systems (4)
SDS 321/M 362K: Probability/Statistics (3)	M 340L/SDS 329C: Linear Algebra (3)
Minor/Certificate/15hrs Single Field (3)	HIS 315L: History 2 (3)*
HIS 315K: History 1 (3)*	Minor/Certificate/15hrs Single Field (3)
Language, Arts & Culture #2 (3)	
Year Three	
CS 331: Algorithms (3)	CS Upper Division Elective (UDE) #1 (3)
Science # 1 (3-4)*	Science #2 (3-4)*
Minor/Certificate/15hrs Single Field (3)	Minor/Certificate/15hrs Single Field (3)
GOV 310L: American Government (3)*	GOV 312L: Texas Government (3)*
E 316L/M/N/P: Literature (3)*	General Elective (3)
Year Four	
CS UDE #2 (3)	CS UDE #4(3)
CS UDE #3 (3)	Elective or Minor/Certificate (3)
Minor/Certificate/15hrs Single Field (3)	Language, Arts & Culture #4 (3)
Language, Arts & Culture #3 (3)	General Elective (3)
General Elective (3)	General Elective (0 - 3)

## Degree Planning Resources

Interactive Degree Audit	<a href="http://registrar.utexas.edu/students/degrees/ida">http://registrar.utexas.edu/students/degrees/ida</a>
Official Degree Plans	<a href="https://cns.utexas.edu/degree-checklists">https://cns.utexas.edu/degree-checklists</a>
Certificates	<a href="https://cns.utexas.edu/students/degrees-majors-advising/transcripted-certificates">https://cns.utexas.edu/students/degrees-majors-advising/transcripted-certificates</a>
Foreign Culture Courses	<a href="https://cns.utexas.edu/students/degrees-majors-advising/university-core-curriculum/foreign-culture-requirement">https://cns.utexas.edu/students/degrees-majors-advising/university-core-curriculum/foreign-culture-requirement</a>
Foreign Language Courses	<a href="http://liberalarts.utexas.edu/student-affairs/Majors-and-Degrees/foreign-language-requirement.php">http://liberalarts.utexas.edu/student-affairs/Majors-and-Degrees/foreign-language-requirement.php</a>
Credit by Exam	<a href="http://learningsciences.utexas.edu/studenttesting/">http://learningsciences.utexas.edu/studenttesting/</a>
Core Curriculum	<a href="http://www.utexas.edu/ugs/core/requirements">http://www.utexas.edu/ugs/core/requirements</a>

- The following course “flags” are required and may overlap with required courses: 2 writing flags including 1 upper division, 1 quantitative reasoning, 1 global cultures, 1 cultural diversity in the US, 1 ethics & leadership, 1 independent inquiry (**Only one writing flag may overlap with a core curriculum course**)
- Course flags are designated in the course schedule
- Courses that fulfill the core curriculum requirements (i.e. social science, visual and performing arts) are designated in the course schedule. Courses with an \* next to them fulfill UT Core.
- Sample plan reflects current 2016-2018 catalog BSA degree requirements. The BSA in C S requires 120hrs total.

<sup>1</sup> The Calculus requirement may also be fulfilled by a one-semester, accelerated course of M 408C (credit hours should be replaced electives)

<sup>2</sup> See official BSA degree plans for all Language, Arts & Culture requirements and restrictions

CS Advising Center  
GDC 2.702512.471.9509  
under-info@cs.utexas.edu