

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

Year One	
CS 312: Intro to Programming (3)	CS 311: Discrete Math (3)
M 408N: Calculus 1 (4)	CS 314: Data Structures (3)
UGS 302/302: First-Year Signature Course (3)	M 408S: Calculus 2 (4)
HIS 315K: American History 1 (3)	RHE 306: Rhetoric (3)
Social Science (3)	HIS 315L: American History 2 (3)
Year Two	
CS 429: Computer Arch & Org (4)	CS 439: Operating Systems (4)
M 408M: Calculus 3 (4)	CS Upper Division Elective (UDE) #1 (3)
SDS 321 or M362K: Statistics & Probability (3)	M 340L or SDS 329C: Linear Algebra (3)
GOV 310L: American Government (3)	GOV 312L: Texas Government (3)
Elective (3)	Elective (3)
Year Three	
CS 331: Algorithms (3)	CS UDE #3 (3)
CS UDE #2 (3)	CS UDE #4 (3)
Science Sequence #1A (4)	Science Sequence #1B (4)
Foreign Lang. or Culture (3-6)	Foreign Lang. or Culture (3-6)
Elective (0-3)	Elective (0-3)
Year Four	
CS UDE #5 (3)	CS UDE #7 <sup>2</sup> (3) varies by catalog year
CS UDE #6 <sup>1</sup> (3) varies by catalog year	CS UDE #8 <sup>3</sup> (3) varies by catalog year
Science Sequence #2A (3-4)	Science Sequence #2B (3-4)
E 316L/M/N/P: English Literature (3)	Visual & Performing Arts (3)
Elective (3)	Elective (3)

## Planning Resources

Official Degree Plans	<a href="https://cns.utexas.edu/degree-checklists">https://cns.utexas.edu/degree-checklists</a>
Core Curriculum	<a href="http://www.utexas.edu/ugs/core/requirements">http://www.utexas.edu/ugs/core/requirements</a>
Approved 2nd science	<a href="https://www.cs.utexas.edu/sites/default/files/undergraduate/Second%20Science%20Sequence%20Options_0.pdf">https://www.cs.utexas.edu/sites/default/files/undergraduate/Second%20Science%20Sequence%20Options_0.pdf</a>
Foreign Culture List	<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>
Teaching plans	<a href="https://www.cs.utexas.edu/undergraduate-program/academics/curriculum/teaching-plans">https://www.cs.utexas.edu/undergraduate-program/academics/curriculum/teaching-plans</a>
Concentration areas	<a href="https://www.cs.utexas.edu/research/areas">https://www.cs.utexas.edu/research/areas</a>

<sup>1</sup> 2014-2016 catalog: CS UDE #6 must be a 3<sup>rd</sup> course in Programming area from CS 354, 354R, 371R, 373, 375

<sup>2</sup> 2014-2016 catalog: CS UDE #7 must be a 3<sup>rd</sup> course in Systems area from CS 350C, 350F, 356, 371D, 375, 378 (Topic: High Performance Systems)

<sup>3</sup> 2014-2016 catalog: CS UDE #8 must be a 3<sup>rd</sup> course in Theory area from CS 337, 341, 346, 353, 378 (Topic: Debugging & Verifying Programs)

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