

BS CS 17-18

SAMPLE CURRICULA: Below we show three sample curricula for each of the BS CS and BS CSIS, depending on whether students first declare the major in their first, second, or third semester, showing that it is still possible to graduate within 4 years. The following courses are generally offered in both fall and spring semesters, so there is a lot of flexibility as to when students take what: CS 8, 21, 64, 110, 120, 121, 124, 125, 224, and 292; Math 10, 21, 22; Stat 151, 143.

First Sample 4-yr Curricula for BS CS (+free electives to reach 120 credits)

<b>Students who declare a CS major in the Fall of the 1<sup>st</sup> year</b>		
Year	Fall	Spring
1	CS 8 (satisfies CS ≥0xx) CS 21 Math 21* CS 50 (1 cr, rec) Engl 1 D1 elective	CS 110 CS 64 Math 22 D1 or D2 elective
2	CS 120 CS 121 Math 1xx elective Stat 151 or Stat 143 Science elective	CS 125 CS 124 Math 1xx elective Stat 143 or Stat 151 Science elective
3	CS 201 CS ≥1xx Science Elective	CS ≥2xx CS 224 or ≥2xx Sustainability Elective
4	CS 224 or ≥2xx CS ≥2xx CS 292 (1 cr)	CS ≥2xx CS ≥2xx

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Second Sample 4-yr Curricula for BS CS (+free electives to reach 120 credits)

<b>Students who declare a CS major in the Spring of their 1<sup>st</sup> year</b>		
Year	Fall	Spring
1	CS 8 (satisfies CS ≥0xx) Engl 1 D1 elective	CS 21 Math 21* D1 or D2 elective
2	CS 50 (1 cr, rec) CS 110 CS 64 Math 22 Science Elective	CS 120 CS 121 Math 1xx elective Stat 151 Science Elective
3	CS 125 CS 124 Stat 143 Math 1xx elective Sustainability Elective	CS ≥1xx CS 224 or ≥2xx Science Elective
4	CS 201 CS 224 or ≥2xx CS ≥2xx	CS ≥2xx CS ≥2xx CS ≥2xx CS 292 (1 cr)

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Third Sample 4-yr Curricula for BS CS (+free electives to reach 120 credits)

<b>Students who declare a CS major in the Spring of the 2<sup>nd</sup> year</b>		
Year	Fall	Spring
1	Engl 1 D1 elective	D1 or D2 elective
2	CS 8 (satisfies CS $\geq 0xx$ ) CS 21 Math 21* CS 50 (1 cr, rec)	CS 110 CS 64 Math 22 Math 1xx elective Stat 151
3	CS 121 CS 120 Stat 143 Math 1xx elective Science Elective	CS $\geq 1xx$ CS 124 CS 125 Science Elective
4	CS 201 CS 224 or $\geq 2xx$ CS $\geq 2xx$ Sustainability Elective Science Elective	CS 224 or $\geq 2xx$ CS $\geq 2xx$ CS $\geq 2xx$ CS $\geq 2xx$ CS 292 (1 cr)