

**Degree Roadmap for students who completed the  
Transfer AS-T degree in Computer Science  
Catalog Year 2016-17**

**SJSU Degree: BS in Computer Science**

The AS-T in Computer Science guarantees completion of 60 transferable units and all lower division core GE satisfied. This transfer degree will meet the CS 46A, 46B, 47; MATH 30, 31, 42; PHYS 50, 51 requirements at SJSU. A grade of "C-" or better is required for courses being used to meet any requirement in the major, including Preparation courses. Below is the path to the BS Computer Science degree in 60 semester units with the transfer AS-T Computer Science degree:

(This roadmap has an approved P.E. waiver)

1st Semester at SJSU	Recommended Course	Units
WST taken and passed		
Major 100W course, also satisfies SJSU Studies Area Z	CS 100W	3*
Major UD Elective** - CS UD Elective Course or qualifying MATH UD Course	CS UD Elective Course (see advisor)	3*
Major Elective	CS 72 (CS 49 C/J w/Approval)	3
Major**	CS 147	3*
Preparation for the Major - select one course from: MATH 32, 142, 161A**	MATH 32, 142, 161A**	3
	Semester Total	15

2nd Semester at SJSU	Recommended Course	Units
SJSU Studies Area S in US History (or a different Area S if US1 is met prior to transfer)	HIST 170S meets US1 + Area S (if US1 was met previously then take a different Area S course)	3*
US Government & California (or a different major course if US2+3 is met prior to transfer)	US2+3 (if US2+3 was met previously then take a different course for the major)	3
Major**	CS 146	3*
Major**	CS 154	3*
Major**	CS 151	3*
	Semester Total	15

3rd Semester at SJSU	Recommended Course	Units
SJSU Studies (Area R)	Area R course	3*
Major**	CS 152	3*
Preparation for the Major – MATH 129A (if taken prior to transfer then complete an upper division CS course recommended by the CS advisor)**	MATH 129A	3*
Major**	CS 160	3*
Major UD Elective** - CS UD Elective Course or qualifying MATH UD Course	CS UD Elective Course (see advisor)	3*
	Semester Total	15

4th Semester at SJSU	Recommended Course	Units
Major**	CS 149	3*
Major – select one course from: CS 116B, CS 123B, CS 153, CS 157B, CS 158B, CS 161, CS 167B, CS 167C**	CS 116B, 123B, 153, 157B, 158B, 161, 167B, 167C	3*
Major + SJSU Studies Area V	PHIL 134	3*
Major UD Elective** - CS UD Elective Course or qualifying MATH UD Course	CS UD Elective Course (see advisor)	3*
Major UD Elective** - CS UD Elective Course or qualifying MATH UD Course	CS UD Elective Course (see advisor)	3*
	Semester Total	15

\*Notes: A minimum of 40 upper division units must be completed for degree. This roadmap is a sample pathway. Check with a major advisor regarding the most appropriate course sequence for you. 60 units minimum will be transferred with this degree, however up to 70 transfer units can be applied to the lower division and lower division free electives if articulated.

\*\*Also note: all students must complete 37 units of upper division math and CS course work not to include CS 100W. See your CS advisor for more information.