

**Degree Roadmap for students who completed the
Transfer AS-T degree in Biology
Catalog Year 2018-19**

SJSU Degree: BA in Biological Science

The AS-T in Biology guarantees completion of 60 transferable units and the STEM lower division core GE satisfied (missing one course in GE Area C and one course in GE Area D). The transfer degree in Biology will meet the BIOL30, 31; CHEM 1A, 1B; PHYS 2A, 2B; and MATH 30 requirements at SJSU. Below is the path to the BA Biological Science degree in 60 semester units with the transfer AS-T Biology degree:

Students in this major must complete all lower division courses in the Requirements of the Major with a "C- or better" to graduate. Any course that is prerequisite to any chemistry course must be passed with a grade of "C or better."

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

1st Semester at SJSU	Recommended Course	Units
WST taken and passed		
GE Area C - Remaining lower GE (if not completed prior to transfer)	GE Area C	3
Major core: BIOL 115 (Partially completes Area R)	BIOL 115	4*
Preparation for Major: CHEM 8	CHEM 8	3
Preparation for Major: CHEM 9	CHEM 9	1
Preparation for Major: BIOL 155	BIOL 155	3*
University Elective	Elective (lower or upper division)	2
	Semester Total	16

2nd Semester at SJSU	Recommended Course	Units
Preparation for Major: CHEM 132	CHEM 132	4*
Prep for Major: BIOL 100W, also satisfies SJSU Studies Area Z	BIOL 100W	3*
Major Electives (19 units total): Upper Division Non-GE BIOL/BOT/ENT/ZOOL/MICR/MS courses	BIOL/BOT/ENT/ZOOL/MICR/MS Upper Division Electives	7*
	Semester Total	14

3rd 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*
Major: Select one course from: BIOL 135B, 160, 178, MICR 127	BIOL 135B, 160, 178, or MICR 127	3*
Major Electives (19 units total): Upper Division Non-GE BIOL/BOT/ENT/ZOOL/MICR/MS courses	BIOL/BOT/ENT/ZOOL/MICR/MS Upper Division Electives	9*
	Semester Total	15

4th Semester at SJSU	Recommended Course	Units
Additional UD University Electives	Additional UD University Electives	3*
GE Area D - Remaining lower GE (if not completed prior to transfer)	GE Area D	3
SJSU Studies Area V in US Government & California Government (or a different Area V if US2+3 is met prior to transfer)	POLS 170V meets US2+3 + Area V (if US2+3 was met previously then take a different Area V course)	3*
Major Electives (19 units total): Upper Division Non-GE BIOL/BOT/ENT/ZOOL/MICR/MS courses	BIOL/BOT/ENT/ZOOL/MICR/MS Upper Division Electives	3*
University Elective	Elective (lower or upper division)	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.