

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

**SJSU Degree: BS in Ecology and Evolution**

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). This transfer degree will meet the BIOL 30, 31; CHEM 1A, 1B; PHYS 2A, 2B; and MATH 30 requirements at SJSU. Below is the path to the BS in Ecology and Evolution 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	GE Area C	3
Major: BIOL 115 - Partially completes Area R	BIOL 115	4*
Preparation for the Major: CHEM 8	CHEM 8	3
Preparation for the Major: CHEM 9	CHEM 9	1
Major: BIOL 114	BIOL 114	3*
	Semester Total	14

2nd Semester at SJSU	Recommended Course	Units
GE Area D - Remaining lower GE	GE Area D	3
SJSU Studies Area V in US Government & California (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: BIOL 156	BIOL 156	3*
Major BIOL 100W, also satisfies SJSU Studies Area Z	BIOL 100W	3*
Major: BIOL 113	BIOL 113	3*
	Semester Total	15

3rd Semester at SJSU	Recommended Course	Units
Major: ENT 101	ENT 101	4*
Major: BIOL 118	BIOL 118	4*
Major: BIOL 160 - Partially fulfills Area R	BIOL 160	4*
Major BOT 165	BOT 165	4*
	Semester Total	16

4th 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: BIOL 106	BIOL 106	3*
Major: BIOL 106L	BIOL 106L	1*
Major: BIOL 163	BIOL 163	3*
Major: Upper Division Biology Elective - Select from: ZOOL 115, 116, BIOL 164, 172, 180, BOT 104, ENT 106, GEOL 137, ZOOL 150, or 160.	UD Biology Elective	5*
	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.