

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

SJSU Degree: Forensic Science, Concentration in Biology

The AS-T in Chemistry guarantees completion of 60 transferable units and may use the IGETC for STEM (^all lower division core GE satisfied except for one course in C and one course in D). This transfer degree will meet the CHEM 1A, 1B, 112A+112B+113A (content credit only); PHYS 50, 51 (in substitute of PHYS 2A+2B for this major); MATH 30 and 31 requirements at SJSU. Below is the path to the BS Forensics Science, Concentration in Biology degree in 60 semester units with the transfer AS-T in Chemistry degree:

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

1st Semester at SJSU	Recommended Course	Units
WST taken and passed		
^Upper Division Area C (or Area V if upper division units are needed for 40 unit UD requirement) – 3 units – to complete IGETC for STEM (or Upper division units in major if all GE is met prior to transfer, including GE areas C & D)	UD GE Area C (or V, or UD units in major if all GE is met prior to transfer, including GE areas C & D)	3*
^Upper Division Area D – 3 units – to complete IGETC for STEM – GEOG 101 or SOCI 116 (or Upper division units in major if all GE is met prior to transfer, including GE areas C & D)	UD GE Area D –GEOG 101 or SOCI 116 or UD units in major if all GE is met prior to transfer (including areas C & D)	3*
Major Core: BIOL 30	BIOL 30	4
Major Core: FS 11	FS 11	3
STAT 95 (*SOCI 102 if upper division units are needed for 40 unit UD requirement)	STAT 95 or SOCI 102 if needed for 40 unit UD requirement	3*
	Semester Total	16

2nd Semester at SJSU	Recommended Course	Units
Major 100W course, also satisfies SJSU Studies Area Z	JS 100W	3*
CHEM 55 & CHEM 55L	CHEM 55 & CHEM 55L	4
Major Core: BIOL 31	BIOL 31	4
SJSU Studies (Area R) – complete PHIL 160 (to meet major elective credit as well)	Area R course – PHIL 160	3*
	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 Core: FS 162	FS 162	3*
Major Core: CHEM 130A or CHEM 135	CHEM 130A or CHEM 135	4*
Major Core: BIOL 115	BIOL 115	4*
Major Core: FS 160 (^as substitution for FS 161 as needed for 60 unit pattern)	^FS 160	2*
	Semester Total	16

4th Semester at SJSU	Recommended Course	Units
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*
Practical Requirement: JS 181	JS 181	3*
Major Core: FS 167	FS 167	5*
Major Core: FS 169 or JS 189	FS 169 or JS 189	3*
	Semester Total	14

*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 major and lower division free electives if articulated.

^ FS 160 will substitute for FS 161 only if student enters SJSU with an IGETC for STEM and is missing 3 units in C and 3 units in D (or has not transferred with additional lower division course work as shown on the roadmap above). Students will need to take upper division Area C and D and Statistics in order to meet the *minimum of 40 upper division units needed for degree.