

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

**SJSU Degree: BS in Physics**

The AS-T in Physics guarantees completion of 60 transferable units and all lower division core GE satisfied. This transfer degree will meet the PHYS 50, 51, 52 and MATH 30, 31, 32 requirements at SJSU. Below is the path to the BS Physics degree in 60 semester units with the transfer AS-T Physics degree:

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

1st Semester at SJSU	Recommended Course	Units
WST taken and passed		
Major Preparation Requirement	CHEM 1A	5
Support for Major	MATH 133A	3*
Major Requirement	PHYS 130	4*
Upper Division Major Requirement	PHYS 120A	3*
	Semester Total	14

2nd Semester at SJSU	Recommended Course	Units
Major 100W course, also satisfies SJSU Studies Area Z	ANY 100W	3*
Upper Division Major Requirement	PHYS 110A	3*
Upper Division Major Requirement	PHYS 122	3*
Additional Upper Division Physics or Astrophysics - select 1 course from: ASTR 117A, 117B, 155; PHYS 105B, 158, 175A, 120B, 120C, 168	ASTR 117A, 117B, 155; PHYS 105B, 158, 175A, 120B, 120C, 168	3*
Major Preparation Requirement	PHYS 40	3
	Semester Total	16

3rd Semester at SJSU	Recommended Course	Units
SJSU Studies (Area R)	Any approved Area R course - UD	3*
Major Requirement - select 1 course from: PHYS 120B, 120C	PHYS 120B or 120C	3*
SJSU Studies Area V in US Government & California (or a different Area V if US2+3 is met prior to transfer)	Pol 170V meets US2+3 + Area V (if US2+3 was met previously then take a different Area V course)	3*
Upper Division Major Requirement	PHYS 110B	3*
Upper Division Major Requirement	PHYS 105A	3*
	Semester Total	15

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*
Additional Upper Division Physics or Astrophysics - select 1 course from: ASTR 117A, 117B, 155; PHYS 105B, 158, 175A, 120B, 120C, 168	ASTR 117A, 117B, 155; PHYS 105B, 158, 175A, 120B, 120C, 168	3*
Upper Division Major Requirement	PHYS 140	3*
Upper Division Major Requirement	PHYS 160	3*
Upper Division Major Requirement	PHYS 163	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.