Degree Roadmap for students who completed the
Transfer AS-T degree in Mathematics (Fall)
Catalog Year 2018-19

SJSU Degree: BA in Mathematics, Preparation for Teaching

The AS-T in Mathematics guarantees completion of 60 transferable units and all lower division core GE satisfied. This transfer degree will meet the MATH 30, 31, 32 requirements at SJSU. Below is the path to the BA Mathematics degree in 60 semester units with the transfer AS-T Math degree. Please note a grade of "C-" or better is required for each course being used to meet any requirement in this major, including courses in preparation for the major (except for 100W which requires a C or better):

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

1st Semester at SJSU (entering in fall)	Recommended Course	Units
WST taken and passed		
Prep for Major – PHYS 50	PHYS 50	4
Lower Division – MATH 42	MATH 42	3
Major Core: MATH 129A	MATH 129A	3*
Support for Major – select one course from: MATH 50, 167; CS 46A, 49C, or 49J	MATH 50, 167; CS 46A, 49C, o r 49J	2(-4)**
University Electives	Electives	(0) -2**
	Semester Total	14(-16)

2nd Semester at SJSU	Recommended Course	Units
ENGR 100W course, also satisfies SJSU Studies Area Z	ENGR 100W	3*
Prep for Major MTED 184X	MTED 184X	4
Major Additional Requirements - select one course from: MATH 126 or 201B	MATH 126 or 201B	3*
Major Core: MATH 108	MATH 108	3*
Major Additional Requirements - select one course from: EDEL 294; EDSE 215, 218B, 279; MTED 184Y, 184Z, 394.	EDEL 294; EDSE 215, 218B, 279; MTED 184Y, 184Z, 394.	3*
	Semester Total	16

3rd Semester at SJSU	Recommended Course	Units
SJSU Studies (Area R)	Any approved Area R course - UD	3*
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: MATH 115	MATH 115	3*
Major Core: MATH 128A	MATH 128A	3*
Major Additional Requirements: MATH 161A	MATH 161A	3*
	Semester Total	15

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*
Major Core: MATH 102	MATH 102	3*
Major Additional Requirements - select one course from: MATH 128B, 129B, or 131B	MATH 128B, 129B, or 131B	3*
Major Additional Requirements: MATH 161B	MATH 161B	3*
Major Core: MATH 131A	MATH 131A	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.

Degree Roadmap for students who completed the
Transfer AS-T degree in Mathematics (Spring)
Catalog Year 2018-19

SJSU Degree: BA in Mathematics, Preparation for Teaching

The AS-T in Mathematics guarantees completion of 60 transferable units and all lower division core GE satisfied. This transfer degree will meet the MATH 30, 31, 32 requirements at SJSU. Below is the path to the BA Mathematics degree in 60 semester units with the transfer AS-T Math degree. Please note a grade of "C-" or better is required for each course being used to meet any requirement in this major, including courses in preparation for the major (except for 100W which requires a C or better):

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

1st Semester at SJSU (entering in Spring)	Recommended Course	Units
WST taken and passed		
Prep for Major – PHYS 50	PHYS 50	4
Lower Division – MATH 42	MATH 42	3
Major Core: MATH 129A	MATH 129A	3*
Major Additional Requirements: MATH 161A	MATH 161A	3*
University Electives	Electives	(0)-2**
	Semester Total	(13)-15

2nd Semester at SJSU	Recommended Course	Units
Support for Major – select one course from: MATH 50, 167; CS 4A, 49C, 49J	MATH 50, 167; CS 4A, 49C, 49J	2(-4)**
Prep for Major – MTED 184X	MTED 184X	4
Major Core: MATH 108	MATH108	3*
Major Core: Math 115	MATH 115	3*
Major Additional Requirements - select one course from: EDEL 294; EDSE 215, 218B, 279; MTED 184Y, 184Z, 394.	EDEL 294; EDSE 215, 218B, 279; MTED 184Y, 184Z, 394.	3*
	Semester Total	15(-17)

3rd Semester at SJSU	Recommended Course	Units
ENGR 100W course, also satisfies SJSU Studies Area Z	ENGR 100W	3*
SJSU Studies (Area R)	Any approved Area R course	3*
Major Core: MATH 131A	MATH 131A	3*
Major Additional Requirements - select one course from: MATH 126, 201B	MATH 126, 201B	3*
Major Core: MATH 102	MATH 102	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*
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*
Major Additional Requirements - select one course from: MATH 128B, 129B or 131B	MATH 128B, 129B or 131B	3*
Major Additional Requirements: MATH 161B	MATH 161B	3*
Major Core: MATH 128A	MATH 128A	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.