**Total Hours for Degree** 

120

## Stephen F. Austin State University Degree MAP

First Ye	ar						
all Term				Spring Te	rm		
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hou
CSCI	1302	Computer Science Principles	3	CSCI	1462	Introduction to Data Analysis	4
ENGL	1301	Rhetoric and Composition	3	ENGL	1302	Research and Argument	3
HIST	1301	United States History I	3	HIS	1302	United States History II	3
		Step I: Inquiry Approaches to STEM				,,,,,	-
JTCH	1101	Teaching	1	JTCH	1102	Step II: Inquiry-Based Lesson Design	1
MATH	2313/2113	Calculus I / Lab	4	MATH	2314/2114	Calculus II / Lab	4
	,	Core CA	3	MATH	3180	Seminar in Mathematics I	1
		****					_
	1	Total Semester Hours	17			Total Semester Hours	16
		·					
econd Y	ear						
all Term				Spring Te	rm		
	Course		Required		Course		Required
Course	Number	Course Group/Description	Credit Hours	Course	Number	Course Group/Description	Credit Hou
JTCH	3301	Knowing and Learning	3	JTCH	3311	Classroom Interactions	3
MATH	3315/3115	Calculus III / Lab	4	MATH	3330	Differential Equations	3
MATH	3340	Probability Modeling	3	MATH	3345	Statistical Inference	3
		Core Science / Lab	4			Core Science / Lab	4
						Core LPC	3
	1						
		Total Samostar Hours	14			Total Somester Hours	16
		Total Semester Hours	14			Total Semester Hours	16
Third Yea	er.	Total Semester Hours	14			Total Semester Hours	16
Third Yea		Total Semester Hours	14	Spring Te	rm	Total Semester Hours	16
		Total Semester Hours	14	Spring Te	rm	Total Semester Hours	16
		Total Semester Hours	14  Required	Spring Te	rm Course	Total Semester Hours	
		Total Semester Hours  Course Group/Description		Spring Te			Required
all Term	Course		Required		Course	Course Group/Description Texas Government	Required
all Term	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hou
Course GOVT	Course Number 2305	Course Group/Description Federal Government	Required Credit Hours	<b>Course</b> GOVT	Course Number 2306	Course Group/Description Texas Government	Required Credit Hou
Course GOVT JTCH	Course Number 2305 3351	Course Group/Description Federal Government Functions and Modeling	Required Credit Hours 3 3	Course GOVT JTCH	Course Number 2306 4351	Course Group/Description Texas Government Research Methods Linear Algebra	Required Credit Hou 3 3
Course GOVT JTCH JTCH	Course Number 2305 3351 3361	Course Group/Description Federal Government Functions and Modeling Perspectives	Required Credit Hours 3 3 3	Course GOVT JTCH MATH	Course Number 2306 4351 3365	Course Group/Description Texas Government Research Methods	Required Credit Hou 3 3 3
Course GOVT JTCH JTCH	Course Number 2305 3351 3361	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics	Required Credit Hours 3 3 3	Course GOVT JTCH MATH	Course Number 2306 4351 3365	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry	Required Credit Hou 3 3 3
Course GOVT JTCH JTCH	Course Number 2305 3351 3361	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH	Required Credit Hours 3 3 3 3 3	Course GOVT JTCH MATH	Course Number 2306 4351 3365	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry Core Component Area	Required Credit Hou 3 3 3 3 3
Course GOVT JTCH JTCH	Course Number 2305 3351 3361	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics	Required Credit Hours 3 3 3	Course GOVT JTCH MATH	Course Number 2306 4351 3365	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry	Requirec Credit Hou 3 3 3 3 3
Course GOVT JTCH JTCH MATH	Course Number 2305 3351 3361 3360	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH	Required Credit Hours 3 3 3 3 3	Course GOVT JTCH MATH	Course Number 2306 4351 3365	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry Core Component Area	Requirec Credit Hou 3 3 3 3 3
Course GOVT JTCH JTCH MATH	Course Number 2305 3351 3361 3360	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH	Required Credit Hours 3 3 3 3 3	Course GOVT JTCH MATH MATH	Course Number 2306 4351 3365 3370	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry Core Component Area	Requirec Credit Hou 3 3 3 3 3
Course GOVT JTCH JTCH MATH	Course Number 2305 3351 3361 3360	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH	Required Credit Hours 3 3 3 3 3	Course GOVT JTCH MATH	Course Number 2306 4351 3365 3370	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry Core Component Area	Required Credit Hou 3 3 3 3 3
Course GOVT JTCH JTCH	Course Number 2305 3351 3361 3360	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH	Required Credit Hours  3 3 3 3 15	Course GOVT JTCH MATH MATH	Course Number 2306 4351 3365 3370	Course Group/Description Texas Government Research Methods Linear Algebra College Geometry Core Component Area	Required Credit Hou 3 3 3 3 3 3
Course GOVT JTCH JTCH MATH	Course Number 2305 3351 3361 3360  Course	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH Total Semester Hours	Required Credit Hours  3 3 3 3 15 Required	Course GOVT JTCH MATH MATH Spring Te	Course Number 2306 4351 3365 3370	Course Group/Description  Texas Government  Research Methods  Linear Algebra  College Geometry  Core Component Area  Total Semester Hours	Required Credit Hou 3 3 3 3 3 3 3 3 3 5 5 5 5 6 6 6 6 6 6 6
Course GOVT JTCH JTCH MATH	Course Number 2305 3351 3361 3360 Course Number	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH Total Semester Hours  Course Group/Description	Required Credit Hours  3 3 3 3 15 Required Credit Hours	Course GOVT JTCH MATH MATH Spring Te	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description	Required Credit Hou 3 3 3 3 3 15 Required Credit Hou
Course GOVT JTCH JTCH MATH  Courth Ye Fall Term  Course JTCH	Course Number 2305 3351 3361 3360 Course Number 4301	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH  Total Semester Hours  Course Group/Description PBI (Project Based Instruction)	Required Credit Hours  3 3 3 3 15  Required Credit Hours	Course GOVT JTCH MATH MATH Spring Te Course JTCH	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description Apprentice Teaching	Required Credit Hot 3 3 3 3 3 15 Required Credit Hot
Course GOVT JTCH JTCH MATH  Courth Yeall Term  Course JTCH MATH	Course Number 2305 3351 3361 3360  Course Number 4301 4180	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH  Total Semester Hours  Course Group/Description PBI (Project Based Instruction) Seminar in Mathematics II	Required Credit Hours 3 3 3 3 3 15  Required Credit Hours 3 15	Course GOVT JTCH MATH MATH Spring Te	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description	Required Credit Hotel State St
Course GOVT JTCH JTCH MATH  Courth Yeall Term  Course JTCH MATH MATH	Course Number 2305 3351 3361 3360  Course Number 4301 4180 4320	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH  Total Semester Hours  Course Group/Description PBI (Project Based Instruction) Seminar in Mathematics II Introduction to Algebraic Systems	Required Credit Hours  3 3 3 3 3 15  Required Credit Hours  3 1 1 3	Course GOVT JTCH MATH MATH Spring Te Course JTCH	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description Apprentice Teaching	Required Credit Hotel State St
Course GOVT JTCH JTCH MATH  ourth Yeall Term  Course JTCH MATH	Course Number 2305 3351 3361 3360  Course Number 4301 4180	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH  Total Semester Hours  Course Group/Description PBI (Project Based Instruction) Seminar in Mathematics II Introduction to Algebraic Systems Introduction to Analysis I	Required Credit Hours  3 3 3 3 3 3 15  Required Credit Hours  3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Course GOVT JTCH MATH MATH Spring Te Course JTCH	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description Apprentice Teaching	Required Credit Hotel State St
Course Ourth Yeall Term Course JTCH MATH Course JTCH MATH MATH	Course Number 2305 3351 3361 3360  Course Number 4301 4180 4320	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH  Total Semester Hours  Course Group/Description PBI (Project Based Instruction) Seminar in Mathematics II Introduction to Algebraic Systems Introduction to Analysis I Core S/BS	Required Credit Hours  3 3 3 3 3 15  Required Credit Hours  3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Course GOVT JTCH MATH MATH Spring Te Course JTCH	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description Apprentice Teaching	Required Credit Hot 3 3 3 3 3 15 Required Credit Hot
Course Ourth Yeall Term Course JTCH MATH Course JTCH MATH MATH	Course Number 2305 3351 3361 3360  Course Number 4301 4180 4320	Course Group/Description Federal Government Functions and Modeling Perspectives Introduction to Modern Mathematics Core SPCH  Total Semester Hours  Course Group/Description PBI (Project Based Instruction) Seminar in Mathematics II Introduction to Algebraic Systems Introduction to Analysis I	Required Credit Hours  3 3 3 3 3 3 15  Required Credit Hours  3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Course GOVT JTCH MATH MATH Spring Te Course JTCH	Course Number 2306 4351 3365 3370 	Course Group/Description  Texas Government Research Methods Linear Algebra College Geometry Core Component Area  Total Semester Hours  Course Group/Description Apprentice Teaching	Required Credit Hot 3 3 3 3 3 15 Required Credit Hot