

**PVAMU Degree Sequence
Catalog Year 2022-2023**

College/Department: Arts and Science/Mathematics
Program/Major: Mathematics (without Teacher Certification)

FIRST YEAR Freshman		
Fall Semester		
Course Number	Course Name	Hrs
ENGL 1301	Communications Core	3
MATH 1316	Mathematics Core (Trigonometry)	3
	Life & Physical Sciences Core	3
	American History Core	3
	Creative Arts Core	3
Total =		15
Spring Semester		
Course Number	Course Name	Hrs
ENGL 1302	Communications Core	3
MATH 2413	Calculus I	4
	Life & Physical Sciences Core	3
	American History Core	3
	Social & Behavioral Sciences Core	3
Total =		16
Summer Semester		
Course Number	Course Name	Hrs
	In order to reach 30, 60, 90 SCH milestones, students may need to take additional courses in the summer.	
Total =		0

Degree: BS
Total Program Hours: 120

SECOND YEAR Sophomore		
Fall Semester		
Course Number	Course Name	Hrs
	Language, Philosophy & Culture Core	3
	Component Area Option One Core	3
MATH 2414	Calculus II	4
POSC 2305	Government/Political Science Core	3
MATH 2305	Discrete Mathematics	3
Total =		16
Spring Semester		
Course Number	Course Name	Hrs
	Free Elective	3
MATH 2320	Differential Equations	3
COMP xxxx	COMP elective	4
POSC 2306	Government/Political Science Core	3
	Component Area Option Two Core	3
Total =		16
Summer Semester		
Course Number	Course Name	Hrs
Total =		0

THIRD YEAR Junior		
Fall Semester		
Course Number	Course Name	Hrs
MATH 3307	Linear Algebra	3
MATH 3401	Calculus III	4
ENGL xxxx	English Writing Requirement	3
COMP xxxx	COMP elective	3
	Free elective	3
Total =		16
Spring Semester		
Course Number	Course Name	Hrs
MATH 3301	Modern Algebra	3
MATH 3xxx or 4xxx	Math Elective	3
MATH 3302	Probability and Statistics	3
COMP xxxx	COMP elective	4
	Free elective	3
Total =		16
Summer Semester		
Course Number	Course Name	Hrs
Total =		0
Total Degree Credits = 120		

FOURTH YEAR Senior		
Fall Semester		
Course Number	Course Name	Hrs
MATH 4100	Colloquium	1
MATH 4308	Advanced Calculus I	3
MATH 3xxx or 4xxx	Math Elective	3
	Free elective	3
	Free elective	3
Total =		13
Spring Semester		
Course Number	Course Name	Hrs
MATH 4306	Numerical Analysis	3
MATH 4389	Mathematics Capstone Course	3
	Free elective	3
	Free elective	3
Total =		12
Summer Semester		
Course Number	Course Name	Hrs
Total =		0
Total Degree Credits = 120		