



KENTUCKY STATE UNIVERSITY

MATHEMATICS BACHELOR OF SCIENCE - PURE MATHEMATICS (CLOSED TO NEW ENROLLMENT JULY 1, 2023)

MAT 300/400 Elective	3
300/400 Free Elective	3
Free Elective	3
Free Elective	4
Hours	
	16
Term 8 (Spring)	
MAT 460 Mathematics Seminar	3
MAT 300/400 Elective	3
300/400 Free Elective	3
300/400 Free Elective	3
Hours	
	12
Total Hours	
	120

Course	Title	Hours
Term 1 (Fall)		
MAT 131	Calculus/Analy Geom I	5
ENG 101	English Comp I	4
KSU 118	Intro. to University Learning	3
COM 103	Interpersonal Communication	3
Hours		15
Term 2 (Spring)		
MAT 132	Calculus/Analy Geom II	5
ENG 102	English Comp II	3
COS 108	Prin Computer Science I	4
KSU 186	Navigate. the Tech. World	3
Hours		15
Term 3 (Fall)		
MAT 231	Multivariate Calculus	3
PHY 211	General Physics I	5
MAT 300	Intro to Advanced Math	3
Arts and Humanities		3
Natural Science		3
Hours		17
Term 4 (Spring)		
MAT 232	Differential Equations	3
PHY 212	General Physics II	5
MAT 300/400 Concentration/Specialization		3
COS 109	Prin Computer Sci II	4
Social/Behavioral		3
Hours		18
Term 5 (Fall)		
MAT 321	Probability/Statistics I	3
MAT 307	Linear Algebra	3
MAT 300/400 Elective		3
Arts and Humanities		3
Social/Behavioral		3
Hours		15
Term 6 (Spring)		
MAT 401	Modern Algebra I	3
MAT 300/400 Concentration/Specialization		3
Arts and Humanities		3
300/400 Free Elective		3
Hours		12
Term 7 (Fall)		
MAT 403	Real Analysis I	3