



KENTUCKY STATE UNIVERSITY

BACHELOR OF SCIENCE IN PURE MATHEMATICS IS CLOSED TO NEW ENROLLMENT AS OF JULY 1, 2023.

Course	Title	Hours
Term 1 (Fall)		
MAT 131	Calculus/Analy Geom I	5
ENG 101	English Comp I	3
KSU 118	Intro. to University Learning	3
COM 103	Interpersonal Communication	3
COS 107	Prob Solving, Logic & Design	3
Hours		17
Term 2 (Spring)		
MAT 132	Calculus/Analy Geom II	5
ENG 102	English Comp II	3
COS 108	Prin Computer Science I	4
MAT 200	Intro to Stat Reasoning & Ana.	4
Hours		16
Term 3 (Fall)		
MAT 231	Multivariate Calculus	3
PHY 211	General Physics I	5
MAT 300	Intro to Advanced Math	3
BIO 101	Life Science	3
Select one of the following:		3
ART 130	Introduction to Art	
ENG 211	Intro to Literature	
MUS 130	Introduction to Music	
THE 130	Introduction to Theatre	
Hours		17
Term 4 (Spring)		
MAT 232	Differential Equations	3
PHY 212	General Physics II	5
MAT300/400 Concentration/Specialization		3
COS 109	Prin Computer Sci II	4
Select one of the following:		3
SOC 203	Principles of Sociology	
PSY 200	General Psychology	
Hours		18
Term 5 (Fall)		
MAT 321	Probability/Statistics I	3
MAT 307	Linear Algebra	3
MAT300/400 Elective		3
Select one of the following:		3
FIN 101	Financial Literacy	
ECO 201	Prin of Economics I	

EDU 204	Cultural Responsiveness	3
Hours		15
Term 6 (Spring)		
MAT 401	Modern Algebra I	3
MAT300/400 Concentration/Specialization		3
300/400 Free Elective		3
POS 101	American Government	3
Hours		12
Term 7 (Fall)		
MAT 403	Real Analysis I	3
MAT300/400 Elective		3
300/400 Free Elective		3
Free Elective		3
Hours		12
Term 8 (Spring)		
MAT 460	Mathematics Seminar	3
MAT300/400 Elective		3
300/400 Free Elective		3
300/400 Free Elective		3
Hours		12
Total Hours		119