



**KENTUCKY STATE
UNIVERSITY**

BACHELOR OF ARTS IN PURE MATHEMATICS

Course	Title	Hours
Term 1 (Fall)		
MAT 131	Calculus/Analy Geom I	5
ENG 101	English Comp I	3
COM 103	Interpersonal Communication	3
FYE 118	First Year Experience	3
Hours		14
Term 2 (Spring)		
MAT 132	Calculus/Analy Geom II	5
ENG 102	English Comp II	3
Minor Elective		3
MAT 200	Intro to Stat Reasoning & Ana.	4
Hours		15
Term 3 (Fall)		
MAT 231	Multivariate Calculus	3
Minor Elective		3
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		15
Term 4 (Spring)		
MAT 232	Differential Equations	3
Minor Elective		3
Minor Elective		3
Minor Elective		3
Select one of the following:		3
FIN 101	Financial Literacy	
ECO 201	Prin of Economics I	
Hours		15
Term 5 (Fall)		
MAT 321	Probability/Statistics I	3
MAT 307	Linear Algebra	3
EDU 204	Cultural Responsiveness	3
MAT 326	Modern Geometry	3
Select one of the following:		3
PSY 200	General Psychology	
SOC 203	Principles of Sociology	
Hours		15
Term 6 (Spring)		
MAT 401	Modern Algebra I	3
MAT 333	Complex Variables	3
MAT300/400 Elective		3
300/400 Minor Elective		3

POS 101	American Government	3
Hours		15
Term 7 (Fall)		
MAT 403	Real Analysis I	3
MAT300/400 Elective		3
300/400 Minor Elective		3
Minor Elective		3
Free Elective		4
Hours		16
Term 8 (Spring)		
MAT 460	Mathematics Seminar	3
MAT 402	Modern Algebra II	3
300/400 Minor Elective		3
300/400 Free Elective		3
300/400 Free Elective		3
Hours		15
Total Hours		120