



About the School of Education

Kentucky State University's School of Education recently received reaccreditation from the National Council for Accreditation of Teacher Education through 2020. *The Educator Preparation Program is driven by its Conceptual Framework, "Teachers as Liberators through Education."*

For more information

School of Education
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It is the policy of Kentucky State University not to discriminate against any individual in its educational programs, activities or employment on the basis of race, color, national origin, sex, disability, veteran status, age, religion or marital status.

Math Education at Kentucky State University

Math Education Degree Requirements

THE MATH EDUCATION MAJOR

The Bachelor of Arts Degree in Mathematics Education, grades 8-12 candidate will enroll as a mathematics major in the secondary teaching certification option. This is a B.A. degree in mathematics, which combines the University's commitment to a liberal arts education. This curriculum seeks to provide a breadth of skills, competencies, and experiences without sacrificing depth of understanding. There is an extreme shortage of math and science majors. The program prepares candidates who are able to think critically, integrate mathematics throughout the curriculum, demonstrate best practices and improve student learning outcomes.

The School of Education

The Educator Preparation Program is designed to prepare teachers to pursue positions in P-12 schools. There are 10 teaching areas in the Educator Preparation Program from which to choose. They are Studio Art Education, Biology Education, Elementary Education, English Education, Health Education (in conjunction with Physical Education Teaching), Math Education, Music Education, Social Studies Education, Physical Education Teaching and Interdisciplinary Early Childhood Education. The School of Education has one graduate program the Master of Arts in Special Education (LBD P-12). There are two non-teaching areas in the School of Education: Physical Education and Child Development.

As liberators through education, KSU teacher candidates are primarily learners who recognize the value of education and the inherent power of acquiring and utilizing knowledge. They understand the intellectual diligence required to acquire the knowledge necessary to qualify as a professional educator; they acquire the content knowledge important to the teaching in their content area; they know the primary importance of effective communication skills; they know the need to serve the community as a leader and role model who will shape diverse communities and exemplify the principles of high ethical conduct and individual responsibility; and they know that the pursuit of knowledge is a lifelong endeavor and continually seek to develop in their students a love of learning.



General Studies	Credit Hours	General Studies continued	Credit Hours	Concentration/Spec.	Credit Hours
<i>(ENG 101, ENG 102 & MAT 111 with a Grade of "C" or Higher)</i>		Integrative Studies		MAT 132	Calculus & Analytic Geo. II 5
Language and Reasoning		IGS 200	Foundations of Cultures 3	MAT 231	Multivariate Calculus 3
ENG 101	English Composition I 3	IGS 201	Convergence of Cultures 3	MAT 300	Introduction to Advanced Math 3
ENG 102	English Composition II 3	Select ONE COURSE from Below		MAT 307	Linear Algebra 3
SPE 103	Interpersonal Communication 3	(MAT 304 REQUIRED FOR MATH EDUCATION MAJORS)		MAT 312	Mathematical Programming 3
MAT 131	Calculus & Analytic Geometry 5	IGS 300	Search for New Forms of Culture OR	MAT 321	Probability and Statistics I 3
	Foreign Language I 3	IGS 301	Studies in African Cultures OR	MAT 326	Modern Geometry 3
	Foreign Language II 3	IGS 302	Studies in Asian Cultures OR	MAT 401	Modern Algebra I 3
	TOTAL 20	IGS 303	Studies in Latin Amer. Cultures OR	COS 108	Principles of Comp. Science I 4
Fine Arts and Letters (select one)		IGS 304	The African-American Exp. OR	COS 310	Discrete Computing Structures 3
ART 130	Introduction to Art OR	IGS 305	The Latino Experience OR	TOTAL	33
THE 130	Introduction to Theatre OR	COS 303	Human Persp. on Computing OR	3 Credit Hours FREE ELECTIVES <i>(approved by advisor)</i>	
ENG 211	Introduction to Literature	ENG 313	Non-Western Literature OR		
	TOTAL 3	ENG/			
Social and Behavioral Sciences		AAS 409	Literature of African-Americans OR		
(select two courses)		MAT 304	Perspectives on Mathematics OR		
POS 101	American Government OR	MGT 470/			
FIN 101	Financial Literacy OR	MKT 470	International Bus. Management/		
HIS 103	Western Civilization OR		International Bus. Marketing OR		
ECO 200	Survey of Economics OR	MUS/			
PSY 200	General Psychology OR	AAS 323	African-American Music OR		
SOC 203	Principles of Sociology	MUS/			
	TOTAL 6	AAS 325	Jazz History and Literature OR		
Natural Sciences		MUS 333	Music of Africa and Asia 3		
BIO 101	Life Science OR	TOTAL	9	Professional Education	
CHE 109	Chemistry in Context	Credit Hours		EDU 202	Foundation of Teaching and Education 3
	TOTAL 3	EDU 203	Microcomputers/Media in Classroom 3	EDU 309	Test Prep 3
Select ONE COURSE from Below		EDU 302	Child and Adolescent Development 3	EDU 303	Educational Assessment and Evaluation 3
(PHY 211 REQUIRED FOR MATH EDUCATION MAJORS)		EDU 304	Classroom/Learning Management 3	EDU 310	Introduction to Exceptional Children 3
BIO 101	Life Science OR	EDU 411	Methods in Teaching HS Mathematics 3	EDU 430	Organization & Administration of Public Schools 3
BIO 103	Environmental Biology OR	EDU 445	Teaching HS Reading in the Content Area 3	EDU 494	Supervised Teaching 12
BIO 112	Exploration of Modern Topics in Biology OR	TOTAL	40		
CHE 109	Chemistry in Context OR				
PHS 201	Physical Science I OR				
PHS 202	Physical Science II OR				
PHS 211	Earth and Environmental Science OR				
PHS 221	Introduction to Weather Studies OR				
PHS 231	Introduction to Astronomy OR				
PHY 130	Physics and Society OR				
PHY 211	General Physics 5				
	TOTAL 5				

For more information about the Math Education Bachelor Degree Program, visit KSU on the Web at www.ksu.edu <<