



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