

Kentucky State University
School of Education and Human Development
B.A. Math Education (8-12)
Curriculum Ladder - TOTAL DEGREE REQUIREMENTS: 121 Credit Hours

NAME

ID#

ADVISOR

ADVISOR PHONE #

I. GENERAL STUDIES (47 credit hours)
 (ENG 101, ENG 102 & MAT 131 with a Grade of “C” or Higher)

KSU 101	BRED Training	1		
KSU 102	BRED Building	1		

Language and Reasoning		Credit Hours	Grade	Semester
ENG 101	English Composition I	4		
ENG 102	English Composition II	3		
SPE 103	Interpersonal Communication	3		
MAT 131	Calculus & Analytic Geometry I	5		
	Foreign Language I	3		
	Foreign Language II	3		
	Total	21		
Fine Arts and Letters				
ART 130	Introduction to Art OR			
MUS 130	Introduction to Music OR			
THE 130	Introduction to Theatre OR			
ENG 211	Introduction to Literature			
	Total	3		
Social and Behavioral Science (Select Two Courses)				
POS 101	American Government OR			
FIN 101	Financial Literacy OR			
HIS 108	African American History OR			
ECO 200	Survey of Economics OR			
PSY 200	General Psychology OR			
SOC 203	Principles of Sociology			
	Total	6		
Natural Sciences (Select One Course)				
BIO 101	Life Science OR			
CHE 109	Chemistry in Context			
	Total	3		
Select ONE COURSE from Below				
BIO 101	Life Science OR			
BIO 103	Environmental Biology OR			
BIO 112	Exploration of Modern Topics in Biology OR			
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 (REQUIRED)	5		
	Total	5		
Integrative Studies				
IGS 200	Foundations of Cultures	3		
EDU 204	Cultural Responsiveness (instead of IGS 201)	3		
Select ONE COURSE from Below				

IGS 300	Search for New Forms of Culture OR			
IGS 301	Studies in African Cultures OR			
IGS 302	Studies in Asian Cultures OR			
IGS 303	Studies in Latin American Cultures OR			
IGS 304	The African-American Experience OR			
IGS 305	The Latino Experience OR			
COS 303	Human Perspective on Computing OR			
ENG 313	Non-Western Literature OR			
ENG/AAS 409	Literature of African-Americans OR			
MAT 304	Perspectives on Mathematics OR (REQUIRED)	3		
MGT 470/ MKT 470	International Bus. Management/ International Bus. Marketing OR			
MUS/AAS 323	African-American Music OR			
MUS/AAS 325	Jazz History and Literature OR			
Total		9		

II. EDUCATION FOUNDATIONS – PRIOR TO TEP ADMISSION

EDU 202	Foundation of Teaching and Education	3		
EDU 203	Introduction to Technology in Education	3		
EDU 302	Child and Adolescent Development	3		
EDU 304	Classroom/Learning Management	3		
EDU 310	Introduction to Exceptional Children	3		

III. EDUCATION CORE – AFTER TEP ADMISSION

EDU 303	Educational Assessment and Evaluation	3		
EDU 411	Methods in Teaching HS Mathematics	3		
EDU 445	Teaching HS Reading in the Content Area	3		
EDU 454	Undergraduate Student Teaching	12		
Total		36		

IV. EDUCATION CONTENT

MAT 132	Calculus & Analytic Geometry II	5		
MAT 231	Multivariate Calculus	3		
MAT 300	Introduction to Advanced Math	3		
MAT 307	Linear Algebra	3		
MAT 312	Mathematical Programming	3		
MAT 321	Probability and Statistics I	3		
MAT 326	Modern Geometry	3		
MAT 401	Modern Algebra I	3		
COS 108	Principles of Comp. Science I	4		
COS 310	Discrete Computing Structures	3		
Total		33		

V. 4 CREDIT HOURS OF SUPPORTING ELECTIVES (approved by advisor)

Total		3		

Advising Record:

Date	Student Signature	Advisor Signature
Date	Student Signature	Advisor Signature
Date	Student Signature	Advisor Signature
Date	Student Signature	Advisor Signature
Date	Student Signature	Advisor Signature
Date	Student Signature	Advisor Signature

School of Education and Human Development Information Sheet for Teacher Certification

Admission to a Teacher Education Program

Completed application; minimum 42 semester credit hours; cumulative grade point average (GPA) of 2.75 or 3.0 for the most recent college-level courses; grades of C or above in designated courses; 25 field hours with all data submitted in Kentucky Field Experiences Tracking System (KFETS) and verified through documentation signed by mentor teachers; three professional dispositions instrument; passing scores on the Core Academic Skills for Educators (CASE), a test of academic content published by the Educational Testing Service (ETS; <http://www.ets.org>): Reading (5712) score of 156; Writing (5722) score of 162; and Mathematics (5732) score of 150; well-written autobiographical sketch, interview; and any other prerequisites as determined by the TEC.

Admission to Student Teaching

Completed application; 200 field hours with all data submitted in Kentucky Field Experiences Tracking System (KFETS) and verified through documentation signed by mentor teachers; cumulative grade point average (GPA) of 2.75 or higher, at the end of the semester prior to the semester of student teaching; passing grades in all courses in the Liberal Studies Core; grades of C or above in all education foundation courses and education content courses; three professional dispositions instrument; passing scores on ETS Praxis II content and/or pedagogical exams, as determined by the Education Professional Standards Board (EPSB) and required by the TEC; clear state- and national-level criminal report submitted to the placement district; current physical examination report, including a TB skin test or x-ray (available through KSU Betty White Clinic); verification of current liability insurance obtained through Kentucky Education Association (KEA); forms and fees required for graduation; and other prerequisites as determined by the TEC. Note: Student teaching placements are the result of collaboration between the School of Education and Human Development and school district leaders. While student preferences and requests are taken into consideration in placement decisions, other factors are considered as well, including diversity of field and life experiences, teaching and learning opportunities offered by districts, research being conducted, and supervision logistics. While the University understands and supports district needs for diversity and “grow-your-own” initiatives, the norm is for student teachers not to be placed in schools they attended as P-12 students.

Teacher Education Program Completion

70 documented days of student teaching, with each day being a minimum of six hours; electronic submission of multiple assignments that demonstrate competency in teaching; professional dispositions at the expected level; and cumulative grade point average (GPA) of 2.75 or higher, at the end of the student teaching semester. Note: Student teaching is a demanding and continuously assessed experience of fully engaged, unpaid teaching in P-12 schools. Candidates may not be employed during the hours of student teaching, which often surpass the students’ school day due to before- and after-school planning and meetings. Students are encouraged to think and plan ahead financially and logistically for their full-time semester of student teaching.

Degree Completion

To earn an undergraduate degree from the School of Education and Human Development, a student admitted to KSU must complete all course, field and clinical experiences. Students should consult with their academic advisors and the faculty to learn more about their specific programs.

Requirements for admission to the University, admission to a Teacher Education Program (TEP), admission to student teaching, and/or program completion may be changed by a decision or action of an accrediting agency, the Kentucky Legislature, KSU Faculty Senate, KSU administration, the Teacher Education Committee (TEC), or the TEP. Students who are admitted to a TEP and then are not enrolled in courses for a period of 18 months or longer, are withdrawn from the TEP. When students re-enroll in the University, they must meet the criteria for admission to their TEP that are in place at that time.