

Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes							
Semester One: [13 Credit Hours]											
EDPF 29535 Education in a Democratic Society	3		С								
COMM 15000 Introduction to Human Communication	3			Fulfills LER Additional							
US 10097 Destination Kent State: FYE	1			Not required of transfer students with 25 credits							
LER Fine Arts	3			Should fulfill global diversity requirement; visit							
LER Additional	3			"diversity" for course lists							
Semester Two: [17 Credit Hours]											
Requirement: pass Praxis I Reading (175 score), Writing (173 score) and Mathematics (174 score)											
ENG 11011 College Writing I	3		С	Enrollment based on placement tests; fulfills LER Composition.							
MATH 12002 Analytic Geometry and Calculus I	5		С								
PSYC 11762 General Psychology	3			Fulfills LER Social Sciences							
LER Basic Sciences	3			Should fulfill global diversity requirement if not							
LER Social Sciences	3			search "LER" and "diversity" for course lists							
Semester Three: [17 Credit Hours]											
Requirement: minimum 2.75 cumulative GPA by end of term											
ENG 21011 College Writing II	3		С	Fulfills LER Composition							
ITEC 19525 Educational Technology	3		С								
MATH 12003 Analytic Geometry and Calculus II	5		С								
PHIL 21002 Introduction to Formal Logic	3			Fulfills LER Mathematics and Critical Reasoning							
LER Humanities	3			Should fulfill global diversity requirement if not satisfied earlier; visit <u>www.kent.edu/catalog</u> and search "LER" and "diversity" for course lists							
Semester Four: [15-16 Credit Hours]											
Requirement: apply for Advanced Study; minimum 2.75	cumulat	ive GPA									
EDPF 29525 Educational Psychology	3		С								
MATH 22005 Analytic Geometry and Calculus III	3		С								
MATH 30011 Basic Probability and Statistics	3		С								
LER Basic Sciences	2-3			Visit www.kent.edu/catalog and search							
LER Basic Sciences Laboratory	1			"LER" for course list							
LER Humanities or Fine Arts	3			Should fulfill global diversity requirement if not satisfied earlier; visit <u>www.kent.edu/catalog</u> and search "LER" and "diversity" for course lists							
Semester Five: [16 Credit Hours]											
Requirement: apply for student teaching											
ADED 32142 Principles of Teaching Adolescents	3		С	Fulfills writing-intensive course requirement.							
CS 10051 Introduction to Computer Science	4		С								
MATH 21001 Linear Algebra	3		С								
MATH 31011 Discrete Mathematics	3		С								
SPED 23000 Introduction to Exceptionalities	3		С	Fulfills domestic diversity course requirement							



Roadmap: Integrated Mathematics - Bachelor of Science in Education [EH-BSE-IMTH]

College of Education, Health, and Human Services School of Teaching, Learning and Curriculum Studies Catalog Year: 2009-2010

Course Subject and Title	Credit Hours	Upper Division	Min. Grade	Important Notes	
Semester Six: [16 Credit Hours]					
ADED 32268 The Secondary Mathematics Curriculum	3		С		
HED 42575 Health and Learning: Strategies for Students and Teachers	3		С		
MATH 32044 Introduction to Ordinary Differential Equations or MATH 42011 Mathematical Optimization or MATH 42021 Graph Theory and Combinatorics or MATH 42021 Introduction to Numerical Computing I or MATH 47011 Theory of Numbers	3		С		
MATH 34001 Fundamental Concepts of Algebra	3	-	С		
MATH Elective (40000 level)	3		С	Approved by advisor	
Professional Elective (see faculty)	1				
Semester Seven: [15 Credit Hours]					
ADED 42268 Teaching Mathematics in Secondary Schools	3		С		
ADED 42292 Field Work Practicum	3		С		
MATH 34002 Fundamental Concepts of Geometry	3		С		
MATH 47021 History of Mathematics	3		С		
MATH Elective (40000 level)	3		С	Approved by advisor	
Semester Eight: [12 Credit Hours]					
ADED 42357 Secondary Student Teaching	9		S		
ADED 49525 Inquiry into Professional Practice	3		С		

Graduation Requirements Summary

Total Hours	Upper-Division Liberal Education		Diversity Course	Mriting Intensive	Minimum	
	Hours	Requirements Hours	Global / Domestic	witting-intensive	Major GPA	Overall GPA
121	39	36	LER / SPED 23000	ADED 32142	2.75	2.75
121				2.70	2.70	

Special Notes for Licensure:

- 1. Pass Praxis II "Principles of Learning and Teaching grades 7-12" and Praxis II specialty test by the end of this semester.
- 2. Apply for teaching license (pick up licensure packet in 304 White Hall).
- 3. Semester 4 Study for and take the Praxis II Mathematics test after this semester.

Liberal Education Requirements (LER)

Students must complete a minimum 36 credit hours of Liberal Education Requirements. Colleges or degree programs may specify certain courses to fulfill the requirements. Courses in the students' major field will not count toward the completion of any LER. Honors equivalents shall satisfy the LER. None of the courses on the LER list may be taken with a pass/fail grade.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic focus and one with a global focus. One course must be come from the LER and cannot be in the student's major. The second course may be taken as a second LER; or within a major or minor; or as a general elective; or, with dean's approval, by completing one semester of study in another country.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.00) grade.

Upper-Division Requirement

In general, baccalaureate programs require the successful completion of at least 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.