



This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester One: [16 Credit Hours]					
CULT 29535 Education in a Democratic Society	3		C		
COMM 15000 Introduction to Human Communication	3				Fulfills Kent Core Additional
US 10097 Destination Kent State: First Year Experience	1				Not required of transfer students with 25 credits
Kent Core Requirements	3				See Kent Core Summary on page 2
Kent Core Requirements	3				
Kent Core Requirements	3				
Semester Two: [17 Credit Hours]					
Requirement: pass Praxis I Reading (174 score), Writing (172 score) and Mathematics (174 score)					
MATH 12002 Analytic Geometry and Calculus I	5		C	■	Fulfills Kent Core Mathematics and Critical Reasoning; students not placed into course must take MATH 11010 and 11022
PSYC 11762 General Psychology	3				Fulfills Kent Core Social Sciences and domestic diversity
Kent Core Requirements	3				See Kent Core Summary on page 2
Kent Core Requirements	3				
Kent Core Requirements	3				
Semester Three: [17 Credit Hours]					
Requirement: minimum 2.750 cumulative GPA by end of term; minimum 2.600 major GPA					
ITEC 19525 Educational Technology	3		C		
MATH 12003 Analytic Geometry and Calculus II	5		C	■	Fulfills Kent Core Additional
MATH 34001 Fundamental Concepts of Algebra	3	■	C	■	
PHIL 21002 Introduction to Formal Logic	3				Fulfills Kent Core Additional
Kent Core Requirements	3				See Kent Core Summary on page 2
Semester Four: [16 Credit Hours]					
Requirement: minimum 2.750 cumulative GPA; minimum 2.600 major GPA					
Note: apply online for Advanced Study before the second Friday of the term					
EPSY 29525 Educational Psychology	3		C		
MATH 22005 Analytic Geometry and Calculus III	4		C	■	
MATH 30011 Basic Probability and Statistics	3	■	C	■	
MATH 34002 Fundamental Concepts of Geometry	3	■	C	■	
Kent Core Requirements	3				See Kent Core Summary on page 2
Semester Five: [16 Credit Hours]					
Requirement: minimum 2.750 cumulative GPA; minimum 2.600 major GPA					
Note: apply for student teaching					
ADED 32142 Principles of Teaching Adolescents	3	■	C		Fulfills writing-intensive course requirement.
CS 10051 Introduction to Computer Science	4		C	■	Fulfills Kent Core Mathematics and Critical
MATH 21001 Linear Algebra	3		C	■	
MATH 31011 Discrete Mathematics	3	■	C	■	
SPED 23000 Introduction to Exceptionalities	3		C		Fulfills domestic diversity course requirement
Semester Six: [15 Credit Hours]					
Requirement: minimum 2.750 cumulative GPA; minimum 2.600 major GPA					
ADED 32268 The Secondary Mathematics Curriculum	3	■	C		
HED 42575 Health and Learning: Strategies for Students and Teachers	3	■	C		
MATH Electives from Group A	6	■	C	■	See note 1 on page 2; choose 2 courses from Group A
MATH Electives from Group B	3	■	C	■	See note 2 on page 2; choose 1 course from Group B



Critical requirements are boldface in shaded areas.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Seven: [12 Credit Hours]					
Requirement: minimum 2.750 cumulative GPA; minimum 2.600 major GPA					
Note: Apply for graduation.					
ADED 42268 Teaching Mathematics in Secondary Schools	3	■	C		
ADED 42292 Field Work Practicum	3	■	C		Fulfills experiential learning requirement
MATH 47021 History of Mathematics	3	■	C	■	
MATH Electives from Group B	3	■	C	■	See note 2 below; choose one course from Group B
Semester Eight: [12 Credit Hours]					
Requirement: minimum 2.750 cumulative GPA; minimum 2.600 major GPA					
ADED 42357 Secondary Student Teaching	9	■	S		Fulfills experiential learning requirement
ADED 49525 Inquiry into Professional Practice	3	■	C		

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum Major GPA	Minimum Overall GPA
121	39	36	Kent Core / SPED 23000	ADED 32142	ADED 42292 and ADED 42357	2.600	2.750

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (6-8 credit hours) <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test; grade of C required in both courses	6-8
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 12002	0
Humanities and Fine Arts (9 credit hours) <i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i>	May fulfill diversity requirement	9
Social Sciences (6 credit hours) <i>Must be selected from two curricular areas</i>	3 credit hours fulfilled in this major with PSYC 11762	3
Basic Sciences (6-7 credit hours) <i>Must include one laboratory</i>		6-7
Additional (6 credit hours)	Fulfilled in this major with COMM 15000, MATH 12003 and PHIL 21002	0

Special Notes for Licensure:

- Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See [Ohio Department of Education-Educator Preparation](#) website for more information on assessments specific to licensure type.
- Apply for teaching license (pick up licensure packet in 304 White Hall).

Note 1: Group A: MATH electives (6 credit hours), choose from the following:

MATH 41001 Introduction to Modern Algebra I	3	MATH 47011 Theory of Numbers	3
MATH 41002 Introduction to Modern Algebra II	3	Any 30000-40000 level MATH elective	3
MATH 41021 Theory of Matrices			

Note 2: Group B: MATH electives (6 credit hours), choose from the following:

MATH 42021 Graph Theory and Combinatorics	3	MATH 45022 Linear Geometry	3
MATH 42024 Number and Games	3	MATH 46001 Elementary Topology	3
MATH 45021 Euclidean Geometry	3		

Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.



Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade.

Visit www.kent.edu/catalog/wic for course list.

Experiential Learning Requirement

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit www.kent.edu/catalog/elr for course list.

Upper-Division Requirement

Students must complete a minimum 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.