



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
<b>Semester One: [13 Credit Hours]</b>					
<b>CULT 29535 Education in a Democratic Society</b>	<b>3</b>		<b>C</b>		
COMM 15000 Introduction to Human Communication	3				Fulfills Kent Core Additional
US 10097 Destination Kent State: FYE	1				Not required of transfer students with 25 credits
Kent Core Requirements	3				See Kent Core Summary on page 2
Kent Core Requirements	3				
<b>Semester Two: [17 Credit Hours]</b>					
<b>Requirement: pass Praxis I Reading (174 score), Writing (172 score) and Mathematics (174 score)</b>					
<b>MATH 12002 Analytic Geometry and Calculus I</b>	<b>5</b>		<b>C</b>	■	<b>Fulfills Kent Core Mathematics and Critical Reasoning; students not placed into course must take MATH 11010 and 11022</b>
PSYC 11762 General Psychology	3				Fulfills Kent Core Social Sciences
Kent Core Requirements	3				See Kent Core Summary on page 2
Kent Core Requirements	3				
Kent Core Requirements	3				
<b>Semester Three: [17 Credit Hours]</b>					
<b>Requirement: minimum 2.75 cumulative GPA by end of term</b>					
ITEC 19525 Educational Technology	3		C		
MATH 12003 Analytic Geometry and Calculus II	5		C	■	Fulfills Kent Core Additional
PHIL 21002 Introduction to Formal Logic	3				Fulfills Kent Core Additional
Kent Core Requirements	3				See Kent Core Summary on page 2
Kent Core Requirements	3				
<b>Semester Four: [16 Credit Hours]</b>					
<b>Requirement: apply for Advanced Study; minimum 2.75 cumulative GPA</b>					
<b>EPSY 29525 Educational Psychology</b>	<b>3</b>		<b>C</b>		
MATH 22005 Analytic Geometry and Calculus III	4		C	■	
MATH 30011 Basic Probability and Statistics	3	■	C	■	
Kent Core Requirements	3				See Kent Core Summary on page 2
General Electives (see faculty for guided elective)	3				
<b>Semester Five: [16 Credit Hours]</b>					
<b>Requirement: apply for student teaching</b>					
<b>ADED 32142 Principles of Teaching Adolescents</b>	<b>3</b>	■	<b>C</b>		<b>Fulfills writing-intensive course requirement.</b>
<b>CS 10051 Introduction to Computer Science</b>	<b>4</b>		<b>C</b>	■	<b>Fulfills Kent Core Additional</b>
MATH 21001 Linear Algebra	3		C	■	
MATH 31011 Discrete Mathematics	3	■	C	■	
SPED 23000 Introduction to Exceptionalities	3		C		Fulfills domestic diversity course requirement
<b>Semester Six: [15 Credit Hours]</b>					
<b>ADED 32268 The Secondary Mathematics Curriculum</b>	<b>3</b>	■	<b>C</b>		
HED 42575 Health and Learning: Strategies for Students and Teachers	3	■	C		
MATH 32044 Introduction to Ordinary Differential Equations or MATH 42011 Mathematical Optimization or MATH 42021 Graph Theory and Combinatorics or MATH 42201 Introduction to Numerical Computing I or MATH 47011 Theory of Numbers	3	■	C		
MATH 34001 Fundamental Concepts of Algebra	3	■	C	■	
MATH Elective (40000 level)	3	■	C	■	Approved by advisor



**Critical requirements are boldface in shaded areas.**

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
<b>Semester Seven: [15 Credit Hours]</b>					
<b>ADED 42268 Teaching Mathematics in Secondary Schools</b>	<b>3</b>	■	<b>C</b>		
<b>ADED 42292 Field Work Practicum</b>	<b>3</b>	■	<b>C</b>		
MATH 34002 Fundamental Concepts of Geometry	3	■	C	■	
MATH 47021 History of Mathematics	3	■	C	■	
MATH Elective (40000 level)	3	■	C	■	Approved by advisor
<b>Semester Eight: [12 Credit Hours]</b>					
<b>ADED 42357 Secondary Student Teaching</b>	<b>9</b>	■	<b>S</b>		
<b>ADED 49525 Inquiry into Professional Practice</b>	<b>3</b>	■	<b>C</b>		

**Graduation Requirements Summary**

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Diversity Course Global / Domestic	Writing-Intensive	Minimum Major GPA	Minimum Overall GPA
121	39	36	Kent Core / SPED 23000	ADED 32142	2.6	2.75

**Kent Core Summary**

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

**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.

**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](http://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](http://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 (2.00) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) 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.

