

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

Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
<b>Semester One [18 Credits]</b>							
	CHEM 10060 General Chemistry I	4		C	■	KBS	
	CHEM 10062 General Chemistry Laboratory I	1		C	■	KBS	
	MATH 11010 Algebra for Calculus	3				KMC	
	PSYC 11762 General Psychology	3				DD/KSS	
	US 10097 Destination Kent State: First Year Experience <sup>1</sup>	1					
	Kent Core Requirements	3					
	Kent Core Requirements	3					
<b>Semester Two [17 Credits]</b>							
<b>Requirement: successful completion of Praxis Core Reading (score 156), Writing (score 162) and Mathematics (score 150)</b>							
!	<b>CULT 29535 Education in a Democratic Society</b>	3		C			
	CHEM 10061 General Chemistry II	4		C	■	KBS	
	CHEM 10063 General Chemistry Laboratory II	1		C	■	KBS	
	MATH 11022 Trigonometry	3				KMC	
	SOC 12050 Introduction to Sociology	3				DD/KSS	
	Kent Core Requirements	3					
<b>Semester Three [17 Credits]</b>							
<b>Requirement: minimum cumulative 2.750 GPA by end of term and minimum C grade and 2.600 major GPA</b>							
!	<b>EPSY 29525 Educational Psychology</b>	3		C			
!	<b>MATH 12002 Analytic Geometry and Calculus I</b>	5				KAD	
!	<b>PHY 23101 General University Physics I</b>	5		C	■	KAD	
	CHEM 20481 Basic Organic Chemistry I	4		C	■		
<b>Semester Four [17 Credits]</b>							
<b>Requirement: minimum 2.750 cumulative GPA and minimum 2.600 major GPA</b>							
<b>Note: apply online for Advanced Study by the second Friday of the term</b>							
!	<b>PHY 23102 General University Physics II</b>	5		C	■	KBS	
	BSCI 10120 Biological Foundations	4		C	■	KBS	
	MATH 12003 Analytical Geometry and Calculus II	5		C			
	Kent Core Requirement	3					
<b>Semester Five [18 Credits]</b>							
<b>Requirement: minimum 2.750 cumulative GPA and minimum 2.600 major GPA; Note: apply for student teaching</b>							
!	<b>ADED 32142 Principles of Teaching Adolescents<sup>2</sup></b>	3	■	C		WIC	
!	<b>ITEC 19525 Educational Technology</b>	3		C			
	CHEM 30105 Analytical Chemistry I	3	■	C	■		
	CI 47330 Reading and Writing in Adolescence	3	■	C			
	PHIL 11001 Introduction to Philosophy	3				DG/KHU	
	SPED 23000 Introduction to Exceptionalities	3		C		DD	
<b>Semester Six [17 Credits]</b>							
<b>Requirement: minimum 2.750 cumulative GPA and minimum 2.600 major GPA</b>							
	<b>ADED 32277 Teaching Science in Secondary Schools</b>	3	■	C			
	CHEM 30284 Introduction to Biological Chemistry	4	■	C	■		
	CHEM 30301 Inorganic Chemistry I	2	■	C	■		
	PHY 21430 Frontiers in Astronomy	3		C	■	KBS	
	PHY 30020 Intermediate Physics Laboratory <sup>2</sup>	2	■	C	■	WIC	
	PHY 36001 Introduction to Modern Physics	3	■	C	■		
<b>Semester Seven [16-17 Credits]</b>							
<b>Requirements: minimum 2.750 cumulative GPA and minimum 2.600 major GPA; Note: apply for graduation</b>							
!	<b>ADED 42277 Topics in Secondary School Science</b>	3	■	C			
!	<b>ADED 42292 Field Work Practicum</b>	3	■	C		ELR	
	CHEM 40567 Basics of Physical Chemistry	4	■	C	■		
	GEOG 31062 Fundamentals of Meteorology	3	■	C	■		
	PHY 32511 Electronics or PHY 36002 Applications of Modern Physics	3-4	■	C	■		

Critical	Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Type	Term Taken
<b>Semester Eight [ Credits]</b>							
<b>Requirement: minimum 2.750 cumulative GPA and minimum 2.600 major GPA</b>							
!	ADED 42357 Secondary Student Teaching	9	■	S			ELR
!	ADED 49525 Inquiry into Professional Practice	3	■	C			

### Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
132	39	36	2.600	2.750

1. US 10097 is not required of transfer students with 25 credits or students age 21+ at time of admission.
2. A minimum C (2.000) grade must be earned in either ADED 32142 or PHY 30020 to fulfill the writing-intensive requirement

### Licensure Requirement (not required for graduation):

Candidates seeking Ohio licensure are required to pass specific assessments in order to apply for licensure. See [Ohio Department of Education-Educator Preparation](http://www.ohio.gov/education) website for more information on assessments specific to licensure type. Taking and passing the licensure tests prior to graduation is encouraged but not required.

### University Requirements Summary

Type	Categories	Course(s) Satisfying Category	Remaining Requirements
KCM	<b>Kent Core I. Composition</b> Enrollment based on placement test	minimum grade of C must be earned in both courses visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	6
KMC	<b>Kent Core II. Mathematics and Critical Reasoning</b> Enrollment based on placement test	MATH 11010 or MATH 11022	fulfilled
KHU	<b>Kent Core III. Humanities</b> Minimum one course from humanities in Arts and Sciences; may fulfill diversity requirement	PHIL 11001	fulfilled
KFA	<b>Kent Core IV. Fine Arts</b> Minimum one course from the fine arts; may fulfill diversity requirement	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KFH	<b>Kent Core V. Humanities or Fine Arts</b> One additional course from either the humanities or fine arts category, may fulfill diversity requirement.	visit <a href="http://www.kent.edu/catalog/kent-core">www.kent.edu/catalog/kent-core</a>	3
KSS	<b>Kent Core VI. Social Sciences</b> Must be selected from two curricular areas; may fulfill diversity requirement	PSYC 11762 and SOC 12050	fulfilled
KBS	<b>Kent Core VII. Basic Sciences</b> Must include one laboratory	CHEM 10060 and 10062; and PHY 23101	fulfilled
KAD	<b>Kent Core VIII. Additional</b> May fulfill diversity requirement	MATH 12002; and PHY 21430 or 24001	fulfilled
DD	<b>Domestic Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	SPED 23000	one course
DG	<b>Global Diversity Course Requirement</b> Either domestic or global diversity must be from Kent Core	PHIL 11001	one course
ELR	<b>Experiential Learning Requirement</b> Either course or non-course experience approved by the appropriate faculty member	ADED 4492 or ADED 42357	fulfilled
WIC	<b>Writing-Intensive Course Requirement</b> Minimum C (2.000) grade	ADED 32142	fulfilled