

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	Min. Grade	Major GPA	Attribute	Notes
Semester One [18 Credits]						
	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	
	UC 10097 Destination Kent State: First Year Experience ¹	1				
	Kent Core Requirements	3				
	Kent Core Requirements	3				
Semester Two [17 Credits]						
Requirement: successful completion of Praxis Core Reading (score 156), Writing (score 162) and Mathematics (score 150)						
!	CULT 29535 Education in a Democratic Society	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				
Semester Three [17 Credits]						
Requirement: minimum overall 2.750 GPA by end of term and minimum C grade and 2.600 major GPA						
!	MATH 12002 Analytic Geometry and Calculus I	5			KMC	
!	PHY 23101 General University Physics I	5	C	■	KBS	
	CHEM 20481 Basic Organic Chemistry I	4	C	■		
	EPSY 29525 Educational Psychology	3	C			
Semester Four [17 Credits]						
Requirement: minimum 2.750 overall GPA and minimum 2.600 major GPA						
Note: apply online for Advanced Study by the second Friday of the term						
!	PHY 23102 General University Physics II	5	C	■	KBS	
	BSCI 10120 Biological Foundations	4	C	■	KBS	
	MATH 12003 Analytical Geometry and Calculus II	5	C			
	Kent Core Requirement	3				
Semester Five [18 Credits]						
Requirement: minimum 2.750 overall GPA and minimum 2.600 major GPA; Note: apply for student teaching						
!	ADED 32142 Principles of Teaching Adolescents	3	C		WIC	
!	ITEC 39525 Educational Technology	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	
Semester Six [17 Credits]						
Requirement: minimum 2.750 overall GPA and minimum 2.600 major GPA						
	ADED 32277 Teaching Science in Secondary Schools	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	2	C	■	WIC	
	PHY 36001 Introduction to Modern Physics	3	C	■		
Semester Seven [16-17 Credits]						
Requirements: minimum 2.750 overall GPA and minimum 2.600 major GPA; Note: apply for graduation						
!	ADED 42277 Topics in Secondary School Science	3	C			
!	ADED 42292 Field Work Practicum	3	C		ELR	
	CHEM 40567 Physical Chemistry for Life Sciences	4	C	■		
	GEOG 31062 Fundamentals of Meteorology	3	C	■		
	PHY 32511 Electronics <i>or</i> PHY 36002 Applications of Modern Physics	3-4	C	■		
Semester Eight [12 Credits]						
Requirement: minimum 2.750 overall GPA and minimum 2.600 major GPA						
!	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 30000 – 40000 level course	Minimum Kent Core Hours	Minimum	
			Major GPA	Overall GPA
132	39	36	2.600	2.750

1. UC 10097 is not required of transfer students with 25 credits (excluding College Credit Plus) or students age 21+ at time of admission.

Special Major Notes:

- Minimum C grade must be earned in both Kent Core Composition courses.
- 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](#) 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: Bachelor's degree-seeking students must meet Kent Core (general education requirements), diversity, writing-intensive and experiential learning requirements. For more information about these requirements, please read the following sections in the University Catalog: Kent Core – [www.kent.edu/catalog/kent-core](#); Diversity Course Requirement – [www.kent.edu/catalog/diversity](#); Writing-Intensive Course Requirement – [www.kent.edu/catalog/wic](#); Experiential Learning Requirement – [www.kent.edu/catalog/elr](#).

Attribute Legend: **DD** Diversity–Domestic; **DG** Diversity–Global; **ELR** Experiential Learning; **KAD** Kent Core Additional; **KBS** Kent Core Basic Sciences; **KCM** Kent Core Composition; **KFA** Kent Core Fine Arts; **KHU** Kent Core Humanities; **KMC** Kent Core Mathematics and Critical Reasoning; **KSS** Kent Core Social Sciences; **WIC** Writing Intensive