

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 [17 Credits]						
!	CULT 29535 Education in a Democratic Society	3	C			
	BSCI 10120 Biological Foundations ¹	4	C		KBS	
	CHEM 10030 Chemistry in Our World ¹	3	C		KBS	
	GEOG 17063 World Geography ¹	3			DG/KSS	
	HIST 11050 World History: Ancient and Medieval ¹ or HIST 12070 Early America: From Pre-Colonization to Civil War and Reconstruction ¹ or PAS 23001 Black Experience I: Beginnings–1865 ¹	3			DG/KHU DD/KHU DG/KHU	
	MATH 14001 Basic Mathematics Concepts I ¹	4	C		KMC	
	PSYC 11762 General Psychology ¹	3			DD/KSS	
	Kent Core Composition ¹	6	C			
	Kent Core Fine Arts ¹	3				
Semester One [18 Credits]						
Requirement: successful completion of Praxis Core Reading (156 score), Writing (162 score) and Mathematics (150 score); minimum 2.750 cumulative GPA by the end of term						
!	EPSY 29525 Educational Psychology	3	C			
!	MATH 14002 Basic Mathematics Concepts II	4	C		KMC	
	COMM 15000 Introduction to Human Communication	3	C		KAD	
	GEOG 11040 How the Earth Works and GEOG 11041 How the Earth Works Laboratory or GEOG 11042 Earth and Life Through Time and GEOG 11043 Earth and Life Through Time Laboratory	4	C		KBS	
	PHY 11030 Seven Ideas that Shook the Universe	3	C		KBS	
	US 10097 Destination Kent State: First Year Experience ²	1				
Semester Two [18 Credits]						
Requirement: minimum 2.750 cumulative GPA; Note: apply online for advanced study by the second Friday of the term						
!	CES 20092 Field Experience I: Middle Childhood	1	C		ELR	
!	HDFS 24013 Early Adolescence	3	C			
	CHEM 10060 General Chemistry I and CHEM 10062 General Chemistry Laboratory I or PHY 13001 General College Physics I and PHY 13021 General College Physics Laboratory I	5	C		KBS	
	COMM 26000 Criticism of Public Discourse or JMC 20001 Media, Power and Culture	3	C		DD	
	ENG 22071 Great Books to 1700 or ENG 22072 Great Books since 1700	3	C		KHU	
	ENG 31001 Fundamentals of English Grammar or ENG 31003 Linguistics	3	C			
Semester Three [15 Credits]						
Requirement: minimum 2.750 cumulative GPA						
!	MCED 30001 Teaching Mathematics in Middle Childhood I	3	C			
!	MCED 30002 Integrated Social Studies and Science in Middle Childhood	3	C			
!	MCED 31000 Teaching and Learning in Middle Childhood	3	C			
!	MCED 40006 Reading and Writing in Middle Childhood	6	C		WIC	
Semester Four [18 Credits]						
Requirement: minimum 2.750 cumulative GPA; Note: apply for student teaching						
!	MCED 40002 Teaching Science in Middle Childhood II	3	C			
!	MCED 40005 Effective Use of Phonics in Reading	3	C			
!	MCED 40007 Teaching Reading With Literature in Middle Childhood	3	C			
!	MCED 41000 Curriculum and Organization in Middle Childhood	3	C			
	ANTH 18630 Human Evolution or BSCI 10002 Life on Planet Earth	3	C		KBS	
	ENG 25002 Literature in English II	3	C			



SUGGESTED THREE-YEAR GRADUATION PLAN

Roadmap: Middle Childhood Education - Language Arts and Science –
Bachelor of Science in Education
 EH-BSE-MCED-LASC
 Education, Health and Human Services
 School of Teaching, Learning and Curriculum Studies
 Catalog Year: 2015-2016

Critical	Course Subject and Title	Credit Hours	Min. Grade	Major GPA	Attribute	Notes
Semester Five [15-16 Credits]						
Requirement: minimum 2.750 cumulative GPA; Note: apply for graduation						
	ENG 21001 Introduction to Ethnic Literature of the United States or ENG 21002 Introduction to Women's Literature	3	C			
	HED 42575 Health and Learning: Strategies for Students and Teachers	3	C			
	ITEC 19525 Educational Technology	3	C			
	SPED 23000 Introduction to Exceptionalities	3	C		DD	
	Science Elective ³	3-4	C			
Semester Six [12 Credits]						
Requirement: minimum C grade in all professional courses and minimum 2.750 cumulative GPA						
!	MCED 42358 Student Teaching in Middle Childhood	9	S		ELR	
!	MCED 49525 Inquiry into Professional Practice: Middle Childhood	3	C			

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours 30000 – 40000 level course	Minimum Kent Core Hours	Minimum
			Overall GPA
128	39	36	2.750

- See list of Kent Core courses that can be earned through AP, CLEP or CBE exams on page 3
- US 10097 is not required of transfer students with 25 credits (excluding College Credit Plus and dual-enrollment credit) or students age 21+ at time of admission.
- Science electives (3 credit hours)

Choose from the following below

BSCI 10110 Biological Diversity (4)	GEOG 41073 Conservation of Natural Resources (3)
BSCI 20021 Basic Microbiology (3)	GEOG 21080 All About the Oceans (3)
BSCI 30275 Local Flora (4)	GEOG 41073 Geology of Ohio (3)
BSCI 30560 Invertebrate Zoology (4)	PHY 21040 Physics in Entertainment and Arts (3)
GEOG 31062 Fundamentals of Meteorology (3)	PHY 21430 Frontiers in Astronomy (3)

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

Kent Core Courses That Can Be Earned Through Exams

LEGEND: G – Global Diversity; D – Domestic Diversity; LAB – Laboratory

				Minimum AP score	Minimum CLEP score	Minimum CBE score
COMPOSITION						
ENG	11011	College Writing I (3)		3	50	C
ENG	21011	College Writing II (3)				C
MATHEMATICS AND CRITICAL REASONING						
CS	10051	Introduction to Computer Science (4)		3		
MATH	10041	Introductory Statistics (4)		3		C
MATH	11010	Algebra for Calculus (3)			50	
MATH	11012	Intuitive Calculus (3)				C
MATH	12001	Algebra and Trigonometry (5)			50	C
MATH	12002	Analytic Geometry and Calculus I (5)		3	50	C
MATH	14001	Basic Mathematical Concepts I (4)				C
MATH	14002	Basic Mathematical Concepts II (4)				C
HUMANITIES AND FINE ARTS						
Humanities in Arts and Sciences						
ENG	22073	Major Modern Writers: British and United States (3)		3	50	
G HIST	11050	World History: Ancient and Medieval (3)		3		C
G HIST	11051	World History: Modern (3)		3		C
D HIST	12070	Early America: From Pre-Colonization to Civil War and Reconstruction (3)		3	50	C
D HIST	12071	Modern America: From Industrialization to Globalization (3)		3	50	C
HIST	1xxxx	European History (3)		3		
Fine Arts						
ARCH	10012	Global Architectural History II (3)				C
ARTH	22006	Art History: Ancient and Medieval Art (3)		3		
MUS	22111	The Understanding of Music (3)				C
G MUS	22121	Music as a World Phenomenon (3)				C
SOCIAL SCIENCES						
ECON	22060	Principles of Microeconomics (3)		3	50	C
ECON	22061	Principles of Macroeconomics (3)		3	50	C
GEOG	10160	Introduction to Geography (3)				C
G GEOG	17063	World Geography (3)				C
D GEOG	17064	Geography of the United States and Canada (3)				C
G GEOG	22061	Human Geography (3)		3		
G POL	10004	Comparative Politics (3)		3		
D POL	10100	American Politics (3)		3	50	
D PSYC	11762	General Psychology (3)		3	50	
D PSYC	20651	Child Psychology (3)			50	
D SOC	12050	Introduction to Sociology (3)			50	
BASIC SCIENCES						
BSCI	10001	Human Biology (3)				C
BSCI	10002	Life on Planet Earth (3)				C
BSCI	10110	Biological Diversity (4)		3	50	
BSCI	10120	Biological Foundations (4)		4	50	
LAB BSCI	11010	Foundational Anatomy and Physiology I (3)				C
LAB BSCI	11020	Foundational Anatomy and Physiology II (3)				C
BSCI	20020	Biological Structure and Function (5)				C
CHEM	10030	Chemistry in Our World (3)				C
CHEM	10050	Fundamentals of Chemistry (3)				C
CHEM	10052	Introduction to Organic Chemistry (2)				C
CHEM	10054	General and Elementary Organic Chemistry (5)				C
CHEM	10060	General Chemistry I (4)		3	50	C
CHEM	10061	General Chemistry II (4)		5	50	C
LAB CHEM	10062	General Chemistry I Laboratory (1)		4		
GEOL	11040	How the Earth Works (3)				C
GEOL	11042	Earth and Life Through Time (3)				C
GEOL	21062	Environmental Earth Science (3)		3		C
GEOL	21080	All about the Oceans (3)				C
PHY	11030	Seven Ideas that Shook the Universe (3)				C
PHY	12201	Technical Physics I (3)				C
PHY	12202	Technical Physics II (3)				C
PHY	13001	General College Physics I (4)		3		C
PHY	13002	General College Physics II (4)		3		C
PHY	13011	College Physics I (2)				C
PHY	13012	College Physics II (2)				C
LAB PHY	13021	General College Physics Laboratory I (1)		3		
LAB PHY	13022	General College Physics Laboratory II (1)		3		
PHY	21040	Physics in Entertainment and the Arts (3)				C
PHY	21430	Frontiers in Astronomy (3)				C
PHY	23101	General University Physics I (5)		3		C
PHY	23102	General University Physics II (5)		3		C

Visit the following websites for more information on the AP (<http://www.kent.edu/transfercer/advanced-placement.cfm>); CLEP (www.kent.edu/career/testing/clep.cfm); and CBE (www.kent.edu/registrar/info/cbe.cfm) at Kent State. Visit www.kent.edu/catalog/kent-core for the full Kent Core course list.

Last revised 22-May-15