MIDDLE CHILDHOOD EDUCATION - B.S.E.

College of Education Health and Human Services School of Teaching, Learning and Curriculum Studies www.kent.edu/ehhs/tlcs

About This Program

The Bachelor of Science in Education in Middle Childhood Education equips students with the skills and knowledge needed to succeed as a middle school teacher. With a focus on hands-on learning, experienced faculty, and real-world experience, this program prepares graduates to make a meaningful impact on young students. Read more...

Contact Information

- Kent: Danielle Gruhler | dgruhler@kent.edu | 330-672-6517
- Geauga: Robin Dever | rdever2@kent.edu | 440-834-3720
- Stark: Shelly Heron | mheron@kent.edu | 330-244-3403
- · Speak with an Advisor
 - · Geauga Campus
 - · Kent Campus
 - · Stark Campus
- Chat with an Admissions Counselor. Kent Campus | Regional Campuses

Program Delivery

- · Delivery:
 - · In person
- Location:
 - Geauga Campus Applications to the B.S.E. in Middle Childhood Education are not being accepted starting spring 2024 on the Geauga Campus.
 - · Kent Campus
 - · Stark Campus

Examples of Possible Careers and Salaries*

Middle school teachers, except special and career/ technical education

- · 3.6% about as fast as the average
- · 627,100 number of jobs
- \$60,810 potential earnings

Secondary school teachers, except special and career/ technical education

- · 3.8% about as fast as the average
- · 1,050,800 number of jobs
- · \$62,870 potential earnings

Accreditation

Council for the Accreditation of Educator Preparation | Association of Middle Level Education

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics'

Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

Admission Requirements

Applications to the B.S.E. in Middle Childhood Education are not being accepted starting spring 2024 on the Geauga Campus.

Admission to this major is selective. Admission to the college does not guarantee admission to a major and/or admission to professional coursework for a selective admission program. To be admitted directly into a teacher education program, it is required that new freshmen have a 2.750 high school GPA.

Students who do not meet the GPA requirement at the time of admission for this major will be admitted to the EHHS General non-degree program until which time they have established a Kent State GPA of 2.750. They may then submit a change of program to declare this major.

Current Kent State and Transfer Students: Active Kent State students who wish to change their major must have attempted a minimum 12 credit hours at Kent State and meet all admission criteria listed above to be admitted. Students who have not attempted 12 credit hours at Kent State will be evaluated for admission based on their high school GPA for new students or transfer GPA for transfer students. Transfer students who have not attempted 12 credit hours of college-level coursework at Kent State and/or other institutions will be evaluated based on both their high school GPA and college GPA.

International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions to waive) by earning a minimum 71 TOEFL iBT score, minimum 6.0 IELTS score, minimum 47 PTE score or minimum 100 DET score, or by completing the ELS level 112 Intensive English Program. For more information on international admission visit the admissions website for international students.

Program Requirements

Major Requirements

Code

		Hours
Major Requirements (courses count in major GPA)	
CULT 29535	EDUCATION IN A DEMOCRATIC SOCIETY (min C grade)	3
ENG 22071	STORIES THAT BUILT THE WORLD: HEROES, QUESTS AND LEGENDS (KHUM) ¹	3
or ENG 22072	STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	Ē
EPSY 29525	EDUCATIONAL PSYCHOLOGY (min C grade)	3
MATH 14001	BASIC MATHEMATICAL CONCEPTS I (KMCR) (min C grade)	4
MATH 14002	BASIC MATHEMATICAL CONCEPTS II (KMCR) (min C grade)	4
MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION (min C grade) 2	3

Credit

MCED 30001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I (min C grade)	3	
MCED 30002	INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD (min C grade)	3	
MCED 31000	TEACHING AND LEARNING IN MIDDLE CHILDHOOD (min C grade) ²	3	
MCED 40005	EFFECTIVE USE OF PHONICS IN READING (min C grade)	3	
MCED 40006	READING AND WRITING IN MIDDLE CHILDHOOD (WIC) (min C grade)	6	
MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD (min C grade)	3	
MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD (min C grade) 2	3	
MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) 2	9	
MCED 49525	INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD (min C grade)	3	
SPED 23000	INTRODUCTION TO EXCEPTIONALITIES (DIVD) (min C grade)	3	
Additional Requireme	ents (courses do not count in major GPA)		
GEOG 17063	WORLD GEOGRAPHY (DIVG) (KSS) 3	3	
PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS) ³	3	
UC 10001	FLASHES 101	1	
Kent Core Composition	on (min C grade)	6	
Kent Core Fine Arts		3	
Concentrations			
Choose from the follo	owing:	45-55	
Language Arts and Mathematics			
Language Arts and Science			
Mathematics and Science			
Mathematics and			
Social Studies and	, , , , , , , , , , , , , , , , , , ,		
Social Studies and	d Science		
Minimum Total Credi	t Hours:	120-130	

 $^{\rm 1}\,$ A minimum C grade is required in either ENG 22071 or ENG 22072 for

students in the Language Arts concentration.

A minimum C grade is required for students in the Social Studies concentration.

Language Arts and Mathematics Concentration Requirements

Code	Title	Credit Hours
Concentration Required in all course	irements (courses count in major GPA; min C grade es)	
COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
COMM 26000	CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)	3
or MDJ 20001	MEDIA, POWER AND CULTURE (DIVD) (KSS)	
ENG 31001	FUNDAMENTAL ENGLISH GRAMMAR	3
or ENG 31003	LINGUISTICS	
MATH 10041	INTRODUCTORY STATISTICS (KMCR)	4
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3

BSCI	23001 r HIST 11050 r HIST 12070 I 10001 Core Basic Scien	BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM) WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WA AND RECONSTRUCTION (DIVD) (KHUM) HUMAN BIOLOGY (KBS) noes (must include one laboratory)	′
BSCI	r HIST 11050 r HIST 12070	(DIVG) (KHUM) WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WA AND RECONSTRUCTION (DIVD) (KHUM) HUMAN BIOLOGY (KBS)	И) AR
	r HIST 11050	(DIVG) (KHUM) WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WA	/ 1)
	r HIST 11050	(DIVG) (KHUM) WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM	/ 1)
		(DIVG) (KHUM)	
•	23001	BLACK EXPERIENCE I: REGINNINGS TO 1865	3
	uonai nequirelle		
_		ents (courses do not count in major GPA)	
_	NG 30004 NG 30071	CREATIVE NONFICTION	
	NG 30051	ARGUMENTATIVE PROSE WRITING	
_	NG 30050 NG 30051	WRITING AND RHETORIC IN A DIGITAL AGE WRITING, RHETORIC AND NEW MEDIA	
_	NG 20021 NG 30050	WRITING AND RHETORIC IN A DIGITAL AGE	
_	NG 20002 NG 20021	INTRODUCTION TO CREATIVE WRITING	
	ng Electives, cho NG 20002	ose from the following: INTRODUCTION TO TECHNICAL WRITING	3
147	er er i	CRITICAL PERSPECTIVES (DIVD)	0
Е	NG 35301	LESBIAN, GAY, BISEXUAL AND TRANSGENDER:	
Е	NG 34021	WOMEN'S LITERATURE (DIVD)	
Е	NG 33012	MODERN AFRICAN-AMERICAN LITERATURE	
Е	NG 32002	LITERATURE FOR YOUNG ADULTS	
Е	NG 21003	INTRODUCTION TO LGBT LITERATURE (DIVD)	
E	NG 21002	INTRODUCTION TO WOMEN'S LITERATURE (DIVD)	
Е	NG 21001	INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD)	
Liter	ature Electives, cl	hoose from the following:	3
MCE	D 40001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II	3
MAT	H 34002	FUNDAMENTAL CONCEPTS OF GEOMETRY	3
MAT	H 34001	FUNDAMENTAL CONCEPTS OF ALGEBRA	3
MAT	H 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
MAT	H 11022	TRIGONOMETRY (KMCR)	3

Language Arts and Science Concentration Requirements

Code	litte	Hours
Concentration Requi required in all course	rements (courses count in major GPA; min C grade es)	
ANTH 18630	HUMAN EVOLUTION (KBS)	3
or BSCI 10002	LIFE ON PLANET EARTH (KBS)	
COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
COMM 26000	CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)	3
or MDJ 20001	MEDIA, POWER AND CULTURE (DIVD) (KSS)	
ENG 31001	FUNDAMENTAL ENGLISH GRAMMAR	3
or ENG 31003	LINGUISTICS	
MCED 40002	TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II	3
PHY 11030	SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)	3
Literature Electives,	choose from the following:	3
ENG 21001	INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD)	
ENG 21002	INTRODUCTION TO WOMEN'S LITERATURE	

INTRODUCTION TO LGBT LITERATURE (DIVD)

ENG 21003

Teacher candidates are only permitted to repeat a field experience course once. Please see Repeating Field Experience Courses in Teacher Education Programs policy for details.

ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865 3 (DIVG) (KHUM) or HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) or HIST 12070 EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM) BSCI 10120 BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	Minimum Total Credit		46
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO GREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30051 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 AND HOW THE EARTH WORKS LABORATORY (KSS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865 3 (DIVG) (KHUM) or HIST 11050 WORLD HISTORY. ANCIENT AND MEDIEVAL (DIVG) (KHUM) or HIST 11050 WORLD HISTORY. ANCIENT AND MEDIEVAL (DIVG) (KHUM) or HIST 11050 WORLD HISTORY. ANCIENT AND MEDIEVAL (DIVG) (KHUM) or HIST 11050 WORLD HISTORY. ANCIENT AND MEDIEVAL (DIVG) (KHUM) or HIST 11050 BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)		grade)	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS (KBS) & ESCI 11042 EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865 3 (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 12070 EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM) BSCI 10120 BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)			3
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO CREATIVE WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS (KBS) & ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME (KBS) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30250 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21 430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865 3 (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	or BSCI 10110	,	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865 33 (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) OF HIST 11050	BSCI 10120	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	4
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY (KBS) (KLAB) Earth Science Electives, choose from the following: ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS (KBS) & ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME (KBS) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)		EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL V	•
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA) AFS 23001 BLACK EXPERIENCE I: BEGINNINGS TO 1865	or HIST 11050		JM)
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I (KBS) & CHEM 10062 (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 30275 LOCAL FLORA (ELR) BSCI 30275 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS) Additional Requirements (courses do not count in major GPA)	AFS 23001		3
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I (KBS) & CHEM 10062 (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) PHY 21430 FRONTIERS IN ASTRONOMY (KBS)		, , ,	-
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS)		· ·	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 30051 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES ESCI 21080 ALL ABOUT THE OCEANS (KBS) ESCI 41073 GEOLOGY OF OHIO			
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ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS I (KBS) LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME (KBS) Science Elective, choose from the following: 3-4 BSCI 20021 BASIC MICROBIOLOGY BSCI 30275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY GEOG 41073 CONSERVATION OF NATURAL RESOURCES		, ,	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME (KBS) Science Elective, choose from the following: 3-4 Science Elective, choose from the following: 3-4 Science Elective, choose from the following: 3-4 Science Elective, choose from the following: BSCI 300275 LOCAL FLORA (ELR) BSCI 30560 INVERTEBRATE ZOOLOGY GEOG 31062 FUNDAMENTALS OF METEOROLOGY			
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ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: 1 5 CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) ESCI 11042 EARTH AND LIFE THROUGH TIME (KBS) & ESCI 11043 and EARTH AND LIFE THROUGH TIME (KBS)	Colones Elective		0.4
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4 ESCI 11040 HOW THE EARTH WORKS (KBS) & ESCI 11041 and HOW THE EARTH WORKS LABORATORY		and EARTH AND LIFE THROUGH TIME	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: 1 5 CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) Earth Science Electives, choose from the following: 4		and HOW THE EARTH WORKS LABORATORY	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: 1 5 CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) PHY 13001 GENERAL COLLEGE PHYSICS I (KBS) & PHY 13021 and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)		•	4
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION Physical Science Electives, choose from the following: 1 CHEM 10060 GENERAL CHEMISTRY I (KBS) & CHEM 10062 and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	& PHY 13021	and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA ENG 30064 ARGUMENTATIVE PROSE WRITING ENG 30071 CREATIVE NONFICTION	& CHEM 10062	and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	
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ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE ENG 30051 WRITING, RHETORIC AND NEW MEDIA			
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING ENG 30050 WRITING AND RHETORIC IN A DIGITAL AGE	ENG 30064	ARGUMENTATIVE PROSE WRITING	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING ENG 20021 INTRODUCTION TO CREATIVE WRITING	ENG 30051	WRITING, RHETORIC AND NEW MEDIA	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3 ENG 20002 INTRODUCTION TO TECHNICAL WRITING	ENG 30050	WRITING AND RHETORIC IN A DIGITAL AGE	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) Writing Elective, choose from the following: 3	ENG 20021	INTRODUCTION TO CREATIVE WRITING	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD)		•	
ENG 34021 WOMEN'S LITERATURE (DIVD) ENG 35301 LESBIAN, GAY, BISEXUAL AND TRANSGENDER:	Writing Elective, choo	, ,	3
	ENG 35301		
ENG 33012 MODERN AFRICAN-AMERICAN LITERATURE	ENG 34021	WOMEN'S LITERATURE (DIVD)	
	ENG 33012	MODERN AFRICAN-AMERICAN LITERATURE	
ENG 32002 LITERATURE FOR YOUNG ADULTS	LING 32002	LITERATURE FOR YOUNG ADOLTS	

Additional mathematics course(s) may be required depending on mathematics placement. Please see your advisor.

Mathematics and Science Concentration Requirements

Concentration Req	Title uirements (courses count in major GPA; min C grade ses)	Credit Hours
ANTH 18630	HUMAN EVOLUTION (KBS)	3

or BSCI 10002	LIFE ON PLANET EARTH (KBS)	
MATH 10041	INTRODUCTORY STATISTICS (KMCR)	4
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
MATH 11022	TRIGONOMETRY (KMCR)	3
MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
MATH 34001	FUNDAMENTAL CONCEPTS OF ALGEBRA	3
MATH 34002	FUNDAMENTAL CONCEPTS OF GEOMETRY	3
MCED 40001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II	3
MCED 40002	TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II	3
PHY 11030	SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)	3
Physical Science Elec	ctives, choose from the following:	5
CHEM 10060	GENERAL CHEMISTRY I (KBS)	
& CHEM 10062	and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	
PHY 13001	GENERAL COLLEGE PHYSICS I (KBS)	
& PHY 13021	and GENERAL COLLEGE PHYSICS	
Earth Caianas Electiv	LABORATORY I (KBS) (KLAB) es, choose from the following:	4
ESCI 11040	HOW THE EARTH WORKS (KBS)	4
& ESCI 11041	and HOW THE EARTH WORKS (KBS) (KBS) (KLAB)	
ESCI 11042 & ESCI 11043	EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)	
Science Elective, cho	ose from the following:	3-4
BSCI 20021	BASIC MICROBIOLOGY	
BSCI 30275	LOCAL FLORA (ELR)	
BSCI 30560	INVERTEBRATE ZOOLOGY	
GEOG 31062	FUNDAMENTALS OF METEOROLOGY	
GEOG 41073	CONSERVATION OF NATURAL RESOURCES	
ESCI 21080	ALL ABOUT THE OCEANS (KBS)	
ESCI 41073	GEOLOGY OF OHIO	
PHY 21040	PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS)	
PHY 21430	FRONTIERS IN ASTRONOMY (KBS)	
Additional Requireme	ents (courses do not count in major GPA)	
AFS 23001	BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)	3
or HIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KI	HUM)
or HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL AND RECONSTRUCTION (DIVD) (KHUM)	WAR
BSCI 10120	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB) (min C grade for either course)	4
or BSCI 10110	BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	
CHEM 10030	CHEMISTRY IN OUR WORLD (KBS) (min C grade)	3

Mathematics and Social Studies Concentration Requirements

Minimum Total Credit Hours:

Code	Title	Credit Hours
Concentration Required in all cours	uirements (courses count in major GPA; min C grade ses)	
ECON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	3

55

HIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)	3
HIST 11051	WORLD HISTORY: MODERN (DIVG) (KHUM)	3
HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3
HIST 31061	HISTORY OF OHIO	3
MATH 10041	INTRODUCTORY STATISTICS (KMCR)	4
MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
MATH 11022	TRIGONOMETRY (KMCR)	3
MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
MATH 34001	FUNDAMENTAL CONCEPTS OF ALGEBRA	3
MATH 34002	FUNDAMENTAL CONCEPTS OF GEOMETRY	3
MCED 40001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II	3
MCED 40003	TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II	3
POL 10100	AMERICAN POLITICS (DIVD) (KSS)	3
Additional Requireme	nts (courses do not count in major GPA)	
BSCI 10001	HUMAN BIOLOGY (KBS)	3
Kent Core Basic Scien	nces (must include one laboratory)	3-4
Minimum Total Credit	Hours:	51

Social Studies and Language Arts Concentration Requirements

Code	Title	Credit Hours		
Concentration Requirements (courses count in major GPA; min C grade required in all courses)				
COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3		
COMM 26000	CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)	3		
or MDJ 20001	MEDIA, POWER AND CULTURE (DIVD) (KSS)			
ECON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	3		
ENG 31001	FUNDAMENTAL ENGLISH GRAMMAR	3		
or ENG 31003	LINGUISTICS			
HIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)	3		
HIST 11051	WORLD HISTORY: MODERN (DIVG) (KHUM)	3		
HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3		
HIST 31061	HISTORY OF OHIO	3		
MCED 40003	TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II	3		
POL 10100	AMERICAN POLITICS (DIVD) (KSS)	3		
Literature Elective, ch	noose from the following:	3		
ENG 21001	INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD)			
ENG 21002	INTRODUCTION TO WOMEN'S LITERATURE (DIVD)			
ENG 21003	INTRODUCTION TO LGBT LITERATURE (DIVD)			
ENG 32002	LITERATURE FOR YOUNG ADULTS			
ENG 33012	MODERN AFRICAN-AMERICAN LITERATURE			
ENG 34021	WOMEN'S LITERATURE (DIVD)			
ENG 35301	LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD)			

Writing Elective, ch	oose from the following:	3		
ENG 20002	INTRODUCTION TO TECHNICAL WRITING			
ENG 20021	INTRODUCTION TO CREATIVE WRITING			
ENG 30050	WRITING AND RHETORIC IN A DIGITAL AGE			
ENG 30051	WRITING, RHETORIC AND NEW MEDIA			
ENG 30064	ARGUMENTATIVE PROSE WRITING			
ENG 30071	CREATIVE NONFICTION			
Additional Requirer	Additional Requirements (courses do not count in major GPA)			
BSCI 10001	HUMAN BIOLOGY (KBS)	3		
Kent Core Basic Sc	3-4			
General Electives (t	3			
hours, including 39 upper-division credit hours)				
Minimum Total Credit Hours:				

Social Studies	s and Science Concentration Require	ements
Code	Title	Credit Hours
Concentration Requirequired in all course	irements (courses count in major GPA; min C grade es)	
ANTH 18630	HUMAN EVOLUTION (KBS)	3
or BSCI 10002	LIFE ON PLANET EARTH (KBS)	
ECON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	3
HIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)	3
HIST 11051	WORLD HISTORY: MODERN (DIVG) (KHUM)	3
HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3
HIST 31061	HISTORY OF OHIO	3
MCED 40002	TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II	3
MCED 40003	TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II	3
PHY 11030	SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)	3
POL 10100	AMERICAN POLITICS (DIVD) (KSS)	3
Physical Science Ele	ectives, choose from the following: ¹	5
CHEM 10060 & CHEM 10062	GENERAL CHEMISTRY I (KBS) and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	
PHY 13001 & PHY 13021	GENERAL COLLEGE PHYSICS I (KBS) and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	
Earth Science Electi	ves, choose from the following:	4
ESCI 11040 & ESCI 11041	HOW THE EARTH WORKS (KBS) and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)	
ESCI 11042 & ESCI 11043	EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)	
Science Elective, che	oose from the following:	3-4
BSCI 20021	BASIC MICROBIOLOGY	
BSCI 30275	LOCAL FLORA (ELR)	
BSCI 30560	INVERTEBRATE ZOOLOGY	
GEOG 31062	FUNDAMENTALS OF METEOROLOGY	
GEOG 41073	CONSERVATION OF NATURAL RESOURCES	
ESCI 21080	ALL ABOUT THE OCEANS (KBS)	

ESCI 41073

GEOLOGY OF OHIO

or BSCI 10110 CHEM 10030	BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB) CHEMISTRY IN OUR WORLD (KBS)	3
or BSCI 10110	BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	
BSCI 10120	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB)	4
Additional Requiren grade required in al	nents (courses do not count in major GPA; min C I courses)	
PHY 21430	FRONTIERS IN ASTRONOMY (KBS)	
	(KBS)	
PHY 21040	PHYSICS IN ENTERTAINMENT AND THE ARTS	

Additional mathematics course(s) may be required depending on mathematics placement. Please see your advisor.

Progression Requirements

Students must meet all professional requirements for admission to advanced study. To be admitted, students must display evidence of the following:

- · Adequate communication skills
- Sound content area knowledge (language arts, mathematics, science or social studies)
- · Basic understanding of the teaching profession
- · Basic understanding of young adolescents
- Dispositions aligned with the conceptual framework of the College of Education, Health and Human Services, including being open-minded, flexible, caring and responsible.

Faculty will select the most qualified applicants based on an interview, letters of recommendation, and GPA¹. Applicants to the Middle Childhood Education major should have experience working with young adolescence in a supervisory capacity, such as tutoring, camp counseling, volunteer work or related experience. Students should contact the College of Education, Health and Human Services' Vacca Office of Student Services, 304 White Hall, at the Kent campus, or the Geauga Student Services Office at 440-834-4187 at the Geauga campus, or the Office of Student Services, 132 Main Hall, 330-244-3251 at the Stark campus, during the first year of study to inquire about the procedures and criteria associated with advanced study

Graduation Requirements

Minimum Major GPA	Minimum Overall GPA
-	2.750

Licensure Information

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.

Students must apply for State of Ohio Licensure (defined by completion of all licensure program requirements) within 12 months of program completion. After 12 months, applicants must meet state-approved program/licensure requirements that are in effect at the time of

application. This means that students who apply after the 12-month deadline may have to take additional coursework if the content, methods courses, program requirements or licensure requirements have changed from the catalog in force.

Roadmaps

Undergraduate students who have not completed a minimum of 12 Kent State University credit hours will be evaluated for advanced study and professional phase based on their high school GPA for new freshmen or transfer GPA for transfer students.

Language Arts and Mathematics Concentration

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

		granden	
	Semester One		Credits
	AFS 23001 or	BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)	3
	HIST 11050		
	or	(DIVG) (KHUM)	
	HIST 12070	or EARLY AMERICA: FROM PRE- COLONIZATION TO CIVIL WAR AND	
		RECONSTRUCTION (DIVD) (KHUM)	
	GEOG 17063	WORLD GEOGRAPHY (DIVG) (KSS)	3
!	MATH 14001	BASIC MATHEMATICAL CONCEPTS I (KMCR)	4
	UC 10001	FLASHES 101	1
	Kent Core Requ	irement	3
	Kent Core Requ	irement	3
		Credit Hours	17
	Semester Two		
	BSCI 10001	HUMAN BIOLOGY (KBS)	3
	COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
!	CULT 29535	EDUCATION IN A DEMOCRATIC SOCIETY	3
	MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
	MATH 14002	BASIC MATHEMATICAL CONCEPTS II (KMCR)	4
		Credit Hours	16
	Semester Three		
	•	ninimum 2.750 overall GPA by the end of term	
	ENG 31001 or	FUNDAMENTAL ENGLISH GRAMMAR or LINGUISTICS	3
	ENG 31003	OF EINODISTICS	
	MATH 11022	TRIGONOMETRY (KMCR)	3
	MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION	3
	PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
	Kent Core Requ	irement	3
		Credit Hours	15
	Semester Four		
	Requirement: m	inimum 2.750 overall GPA	
	COMM 26000	CRITICISM OF PUBLIC DISCOURSE (DIVD)	3
	or MDJ 20001	(KHUM) or MEDIA, POWER AND CULTURE (DIVD) (KSS)	
	ENG 22071	STORIES THAT BUILT THE WORLD: HEROES,	3
	or	QUESTS AND LEGENDS (KHUM)	
	ENG 22072	or STORIES TO SAVE THE WORLD:	
		LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	
!	EPSY 29525	EDUCATIONAL PSYCHOLOGY	3
•	MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
	Kent Core Regu		3
		Credit Hours	17
	Semester Five		
	Requirement: m	ninimum 2.750 overall GPA	
	MATH 34001	FUNDAMENTAL CONCEPTS OF ALGEBRA	3
!	MCED 30001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I	3
!	MCED 30002	INTEGRATED SOCIAL STUDIES AND SCIENCE IN	3

!	minimum 2.750 MCED 42392 MCED 49525		
!	MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) INQUIRY INTO PROFESSIONAL	9
		STUDENT TEACHING IN MIDDLE CHILDHOOD	9
	Requirement: r	minimum C grade in all professional courses and	
	Semester Eigh		13
	2.teratare 2ree	Credit Hours	13
	Literature Elect		3
	SPED 23000		3
	MCED 40005	· , ,	3
	MATH 10041	INTRODUCTORY STATISTICS (KMCR)	4
	Semester Seve	en minimum 2.750 overall GPA	
	Composton C	Credit Hours	15
	Writing Elective		3
!	MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD	3
!	MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD	3
!	MCED 40001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II	3
	MATH 34002	FUNDAMENTAL CONCEPTS OF GEOMETRY	3
	Requirement: r	minimum 2.750 overall GPA	
	Semester Six		
		Credit Hours	18
!	MCED 40006	READING AND WRITING IN MIDDLE CHILDHOOD (WIC)	6
		CHILDHOOD	3

MIDDLE CHILDHOOD

Language Arts and Science Concentration

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

	Camaatan On a		Credits
	Semester One GEOG 17063	WORLD CEOCHARLIN (DINC) (ICC)	Gredits 3
!	MATH 14001	WORLD GEOGRAPHY (DIVG) (KSS) BASIC MATHEMATICAL CONCEPTS I (KMCR)	4
:	PHY 11030	SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)	3
	UC 10001	FLASHES 101	1
	Kent Core Requi		3
	Kent Core Requi		3
	Kent Core nequi	Credit Hours	17
	Semester Two	Cleuit Hours	17
	AFS 23001 or	BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)	3
	HIST 11050 or HIST 12070	or WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) or EARLY AMERICA: FROM PRE- COLONIZATION TO CIVIL WAR AND	
	CULT 29535	RECONSTRUCTION (DIVD) (KHUM) EDUCATION IN A DEMOCRATIC SOCIETY	3
•	ESCI 11040	HOW THE EARTH WORKS (KBS)	3
	or ESCI 11042	or EARTH AND LIFE THROUGH TIME (KBS)	3
	ESCI 11041 or	HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)	1
	ESCI 11043	or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)	
!	MATH 14002	BASIC MATHEMATICAL CONCEPTS II (KMCR)	4
	Semester Three	Credit Hours	14
	Requirement: m	inimum 2.750 overall GPA by the end of term	
	BSCI 10120 or BSCI 10110	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB) or BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	4
	CHEM 10030	CHEMISTRY IN OUR WORLD (KBS)	3
	COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
	MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION	3
	Kent Core Requi	irement	3
		Credit Hours	16
	Semester Four		
	•	inimum 2.750 overall GPA	
	OF CHEM 10060 or PHY 13001	GENERAL CHEMISTRY I (KBS) or GENERAL COLLEGE PHYSICS I (KBS)	4
	CHEM 10062 or PHY 13021	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) or GENERAL COLLEGE PHYSICS	1
		LABORATORY I (KBS) (KLAB)	
	COMM 26000 or	CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)	3
	MDJ 20001	or MEDIA, POWER AND CULTURE (DIVD) (KSS)	
	ENG 22071 or ENG 22072	STORIES THAT BUILT THE WORLD: HEROES, QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	3

	ENG 31001	FUNDAMENTAL ENGLISH GRAMMAR	3
	or	or LINGUISTICS	
	ENG 31003	EDUCATIONAL POVOLICI COV	_
!	EPSY 29525	EDUCATIONAL PSYCHOLOGY Credit Hours	3 17
	Semester Five	Credit Hours	17
		ninimum 2.750 overall GPA	
	MCED 30001	TEACHING MATHEMATICS IN MIDDLE	3
•	111025 00001	CHILDHOOD I	Ü
!	MCED 30002	INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD	3
!	MCED 31000	TEACHING AND LEARNING IN MIDDLE CHILDHOOD	3
!	MCED 40006	READING AND WRITING IN MIDDLE CHILDHOOD (WIC)	6
		Credit Hours	15
	Semester Six		
	Requirement: m	inimum 2.750 overall GPA	
	ANTH 18630 or BSCI 10002	HUMAN EVOLUTION (KBS) or LIFE ON PLANET EARTH (KBS)	3
!	MCED 40002	TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II	3
!	MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD	3
!	MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD	3
	Writing Elective		3
		Credit Hours	15
	Semester Sever	1	
	Requirement: m	inimum 2.750 overall GPA	
	MCED 40005	EFFECTIVE USE OF PHONICS IN READING	3
	PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
	SPED 23000	INTRODUCTION TO EXCEPTIONALITIES (DIVD)	3
	Literature Electi		3
	Science Elective	Credit Hours	3-4
	Semester Eight		15
	_	ninimum C grade in all professional courses and	
	minimum 2.750		
	MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)	9
!	MCED 49525	INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD	3
		Credit Hours	12
		Minimum Total Credit Hours:	121

Mathematics and Science Concentration

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

	Semester One		Credits
	GEOG 17063	WORLD GEOGRAPHY (DIVG) (KSS)	3
!	MATH 14001	BASIC MATHEMATICAL CONCEPTS I (KMCR)	4
	PHY 11030	SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)	3
	UC 10001	FLASHES 101	1
	Kent Core Requi	irement	3
	Kent Core Requi	irement	3
		Credit Hours	17
	Semester Two		
	ANTH 18630 or BSCI 10002	HUMAN EVOLUTION (KBS) or LIFE ON PLANET EARTH (KBS)	3
	CHEM 10030	CHEMISTRY IN OUR WORLD (KBS)	3
!	CULT 29535	EDUCATION IN A DEMOCRATIC SOCIETY	3
	MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
	MATH 14002	BASIC MATHEMATICAL CONCEPTS II (KMCR)	4
		Credit Hours	16
	Semester Three		
	Requirement: m	inimum 2.750 overall GPA by the end of term	
	BSCI 10120 or BSCI 10110	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB) or BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)	4
	MATH 10041	INTRODUCTORY STATISTICS (KMCR)	4
	MATH 11022	TRIGONOMETRY (KMCR)	3
	MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION	3
	Kent Core Requi	irement	3
		Credit Hours	17
	Semester Four		
	Requirement: m	inimum 2.750 overall GPA	
	CHEM 10060 or	GENERAL CHEMISTRY I (KBS) or GENERAL COLLEGE PHYSICS I (KBS)	4
	PHY 13001		
	PHY 13001 CHEM 10062 or PHY 13021	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) or GENERAL COLLEGE PHYSICS	1
	CHEM 10062 or PHY 13021	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	
	CHEM 10062 or	(KLAB) or GENERAL COLLEGE PHYSICS	3
	CHEM 10062 or PHY 13021 ESCI 11040 or	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS)	
	CHEM 10062 or PHY 13021 ESCI 11040 or ESCI 11042 ESCI 11041 or	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)	3
· ·	CHEM 10062 or PHY 13021 ESCI 11040 or ESCI 11042 ESCI 11041 or	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	3
!!	CHEM 10062 or PHY 13021 ESCI 11040 or ESCI 11042 ESCI 11041 or ESCI 11043	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)	3
	CHEM 10062 or PHY 13021 ESCI 11040 or ESCI 11042 ESCI 11041 or ESCI 11043 EPSY 29525	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) EDUCATIONAL PSYCHOLOGY	3
	CHEM 10062	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) EDUCATIONAL PSYCHOLOGY ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	3 1 3 5
	CHEM 10062	(KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) EDUCATIONAL PSYCHOLOGY ANALYTIC GEOMETRY AND CALCULUS I (KMCR) Credit Hours	3 1 3 5
	CHEM 10062 or PHY 13021 ESCI 11040 or ESCI 11042 ESCI 11041 or ESCI 11043 EPSY 29525 MATH 12002 Semester Five Requirement: m	or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) EDUCATIONAL PSYCHOLOGY ANALYTIC GEOMETRY AND CALCULUS I (KMCR) Credit Hours inimum 2.750 overall GPA	3 1 3 5 17

!	MCED 31000	TEACHING AND LEARNING IN MIDDLE CHILDHOOD	3
!	MCED 40006	READING AND WRITING IN MIDDLE CHILDHOOD (WIC)	6
		Credit Hours	18
	Semester Six		
	Requirement: m	inimum 2.750 overall GPA	
!	MCED 40001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II	3
!	MCED 40002	TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II	3
!	MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD	3
!	MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD	3
	PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
		Credit Hours	15
	Semester Sever	1	
	Requirement: m	inimum 2.750 overall GPA	
	AFS 23001 or HIST 11050 or HIST 12070	BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM) or WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) or EARLY AMERICA: FROM PRE- COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3
	ENG 22071 or ENG 22072	STORIES THAT BUILT THE WORLD: HEROES, QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	3
	MATH 34002	FUNDAMENTAL CONCEPTS OF GEOMETRY	3
	MCED 40005	EFFECTIVE USE OF PHONICS IN READING	3
	SPED 23000	INTRODUCTION TO EXCEPTIONALITIES (DIVD)	3
	Science Elective		3-4
		Credit Hours	18
	Semester Eight Requirement: m minimum 2.750	inimum C grade in all professional courses and overall GPA	
	MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)	9
!	MCED 49525	INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD	3
		Credit Hours	12
		Minimum Total Credit Hours:	130

Mathematics and Social Studies Concentration

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

	Semester One		Credits
	GEOG 17063	WORLD GEOGRAPHY (DIVG) (KSS)	3
	HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3
· !	MATH 14001	BASIC MATHEMATICAL CONCEPTS I (KMCR)	4
	UC 10001	FLASHES 101	1
	Kent Core Requ	irement	3

	Kent Core Requ	irement	3
		Credit Hours	17
	Semester Two		
	CULT 29535	EDUCATION IN A DEMOCRATIC SOCIETY	3
	MATH 11010	ALGEBRA FOR CALCULUS (KMCR)	3
	MATH 14002	BASIC MATHEMATICAL CONCEPTS II (KMCR)	4
	POL 10100	AMERICAN POLITICS (DIVD) (KSS)	3
	PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
		Credit Hours	16
	Semester Three	1	
	Requirement: m	ninimum 2.750 overall GPA by the end of term	
	HIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL	3
		(DIVG) (KHUM)	
	MATH 10041	INTRODUCTORY STATISTICS (KMCR)	4
	MATH 11022	TRIGONOMETRY (KMCR)	3
	MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION	3
	Vant Cara Pagu		3
	Kent Core Requ		
		Credit Hours	16
	Semester Four		
	Requirement: m	ninimum 2.750 overall GPA	
	BSCI 10001	HUMAN BIOLOGY (KBS)	3
	ENG 22071	STORIES THAT BUILT THE WORLD: HEROES,	3
	or	QUESTS AND LEGENDS (KHUM)	
	ENG 22072	or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF	
		HUMANITY (KHUM)	
!	EPSY 29525	EDUCATIONAL PSYCHOLOGY	3
•	HIST 11051	WORLD HISTORY: MODERN (DIVG) (KHUM)	3
		* * * * * * * * * * * * * * * * * * * *	
!	MATH 12002	ANALYTIC GEOMETRY AND CALCULUS I (KMCR)	5
		Credit Hours	17
	Semester Five		
	Requirement: m	ninimum 2.750 overall GPA	
	MATH 34001	FUNDAMENTAL CONCEPTS OF ALGEBRA	3
!	MCED 30001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I	3
!	MCED 30002	INTEGRATED SOCIAL STUDIES AND SCIENCE IN	3
		MIDDLE CHILDHOOD	
!	MCED 31000	TEACHING AND LEARNING IN MIDDLE	3
		CHILDHOOD	
!	MCED 40006	READING AND WRITING IN MIDDLE CHILDHOOD (WIC)	6
		Credit Hours	18
	Semester Six		
	Requirement: m	ninimum 2.750 overall GPA. Note: apply for student	
	teaching		
	MATH 34002	FUNDAMENTAL CONCEPTS OF GEOMETRY	3
!	MCED 40001	TEACHING MATHEMATICS IN MIDDLE	3
		CHILDHOOD II	
!	MCED 40003	TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II	3
!	MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD	3
!	MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE	3
		CHILDHOOD	
		Credit Hours	15
	Semester Seve	n	
	Requirement: m	ninimum 2.750 overall GPA	
	ECON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	3

		Minimum Total Credit Hours:	126
		Credit Hours	12
!	MCED 49525	INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD	3
	MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)	9
	Requirement: n minimum 2.750	ninimum C grade in all professional courses and overall GPA	
	Semester Eight		
		Credit Hours	15
	Kent Core Requ	irement	3-4
	SPED 23000	INTRODUCTION TO EXCEPTIONALITIES (DIVD)	3
	MCED 40005	EFFECTIVE USE OF PHONICS IN READING	3
	HIST 31061	HISTORY OF OHIO	3

Social Studies and Language Arts Concentration

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

	Semester One	WORLD OF OR LEVY (P.W.O.) (1/00)	Credits
	GEOG 17063	WORLD GEOGRAPHY (DIVG) (KSS)	3
	HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3
!	MATH 14001	BASIC MATHEMATICAL CONCEPTS I (KMCR)	4
	UC 10001	FLASHES 101	1
	Kent Core Requ	irement	3
	Kent Core Requ	irement	3
		Credit Hours	17
	Semester Two		
	BSCI 10001	HUMAN BIOLOGY (KBS)	3
	COMM 15000	INTRODUCTION TO HUMAN COMMUNICATION (KADL)	3
!	CULT 29535	EDUCATION IN A DEMOCRATIC SOCIETY	3
!	MATH 14002	BASIC MATHEMATICAL CONCEPTS II (KMCR)	4
	PSYC 11762	GENERAL PSYCHOLOGY (DIVD) (KSS)	3
		Credit Hours	16
	Semester Three		
	Requirement: m	ninimum 2.750 overall GPA by the end of term	
	HIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)	3
	MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION	3
	POL 10100	AMERICAN POLITICS (DIVD) (KSS)	3
	Kent Core Requ	irement	3
	Kent Core Requ	irement	3-4
		Credit Hours	15
	Semester Four		
	Requirement: m	ninimum 2.750 overall GPA	
	COMM 26000 or	CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)	3
	MDJ 20001	or MEDIA, POWER AND CULTURE (DIVD) (KSS)	
	ENG 22071 or ENG 22072	STORIES THAT BUILT THE WORLD: HEROES, QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	3
	or	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF	3
!	or ENG 22072	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	
·!	or ENG 22072 ENG 31001	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR	3
!	or ENG 22072 ENG 31001 EPSY 29525	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY	3
!	or ENG 22072 ENG 31001 EPSY 29525	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM)	3 3 3
!	or ENG 22072 ENG 31001 EPSY 29525 HIST 11051 Semester Five	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM)	3 3 3
!	or ENG 22072 ENG 31001 EPSY 29525 HIST 11051 Semester Five	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM) Credit Hours	3 3 3
	or ENG 22072 ENG 31001 EPSY 29525 HIST 11051 Semester Five Requirement: m	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM) Credit Hours Ininimum 2.750 overall GPA TEACHING MATHEMATICS IN MIDDLE	3 3 3 15
!	or ENG 22072 ENG 31001 EPSY 29525 HIST 11051 Semester Five Requirement: m	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM) Credit Hours Annimum 2.750 overall GPA TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I INTEGRATED SOCIAL STUDIES AND SCIENCE IN	3 3 3 15
!	or ENG 22072 ENG 31001 EPSY 29525 HIST 11051 Semester Five Requirement: m MCED 30001 MCED 30002	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM) Credit Hours Ininimum 2.750 overall GPA TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD TEACHING AND LEARNING IN MIDDLE	3 3 3 15
!	or ENG 22072 ENG 31001 EPSY 29525 HIST 11051 Semester Five Requirement: m MCED 30001 MCED 30002 MCED 31000	QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM) FUNDAMENTAL ENGLISH GRAMMAR EDUCATIONAL PSYCHOLOGY WORLD HISTORY: MODERN (DIVG) (KHUM) Credit Hours INTERPATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD TEACHING AND LEARNING IN MIDDLE CHILDHOOD READING AND WRITING IN MIDDLE CHILDHOOD	3 3 3 15

Semester Six

		Minimum Total Credit Hours:	120
		Credit Hours	12
!	MCED 49525	INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD	3
	MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)	9
	Requirement: m minimum 2.750	inimum C grade in all professional courses and overall GPA	
	Semester Eight	Credit Hours	15
	General Elective		3
	Literature Electi	ve	3
	SPED 23000	INTRODUCTION TO EXCEPTIONALITIES (DIVD)	3
	HIST 31061	HISTORY OF OHIO	3
	ECON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	3
	Requirement: m	inimum 2.750 overall GPA	
	Semester Sever	1	
	<u> </u>	Credit Hours	15
	Writing Elective		3
!	MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD	3
!	MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD	3
!	MCED 40005	EFFECTIVE USE OF PHONICS IN READING	3
!	MCED 40003	TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II	3
	Requirement: m	inimum 2.750 overall GPA	
	ocinicotei oix		

Social Studies and Science Concentration

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

K K S S B E E E	icent Core Requirement Core Requirement Core Requirement Core Requirement Core Requirement Core Requirement Core Rescription	PROPERTY OF THE PROPERTY OF EARTH AND LIFE THROUGH TIME TEMPORADO THE EARTH WORKS LABORATORY (KBS) OR EARTH AND LIFE THROUGH TIME THE EARTH AND LIFE THROUGH TIME	1 3 3 17 4 3 3
K K S S B E E E	Gent Core Requirement Core Requirement Core Requirement Core Requirement Core Requirement Core Requirement Core Recursive Core Rescultation of ESCI 11043	rement Credit Hours BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB) or BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB) EDUCATION IN A DEMOCRATIC SOCIETY HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	3 3 17 4 3 3
S B B P C E	Gent Core Requirement Core Requirement Core Requirement Core Requirement Core Requirement Core Rescription Core Requirement Core Requirement Core Rescription Core Rescription Core Rescription Core Rescription Core Requirement Core Rescription C	PROPERTY OF THE PROPERTY OF EARTH AND LIFE THROUGH TIME TEMPORADO THE EARTH WORKS LABORATORY (KBS) OR EARTH AND LIFE THROUGH TIME THE EARTH AND LIFE THROUGH TIME	3 17 4 3 3
! C E	Semester Two SCI 10120 or BSCI 10110 CULT 29535 SCI 11040 or ESCI 11042 OR SCI 11041 or ESCI 11043	Credit Hours BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB) or BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB) EDUCATION IN A DEMOCRATIC SOCIETY HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	17 4 3 3
! C E	or BSCI 10120 or BSCI 10110 CULT 29535 SSCI 11040 or ESCI 11042 SSCI 11041 or ESCI 11043	BIOLOGICAL FOUNDATIONS (ELR) (KBS) (KLAB) or BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB) EDUCATION IN A DEMOCRATIC SOCIETY HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	3 3
! C E	or BSCI 10120 or BSCI 10110 CULT 29535 SSCI 11040 or ESCI 11042 SSCI 11041 or ESCI 11043	or BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB) EDUCATION IN A DEMOCRATIC SOCIETY HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	3
E E	OULT 29535 SSCI 11040 or ESCI 11042 SSCI 11041 or ESCI 11043	HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	3
E E	or ESCI 11042 SSCI 11041 or ESCI 11043	HOW THE EARTH WORKS (KBS) or EARTH AND LIFE THROUGH TIME (KBS) HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) or EARTH AND LIFE THROUGH TIME	3
! M	or ESCI 11043	(KLAB) or EARTH AND LIFE THROUGH TIME	1
		LABORATORY (KBS) (KLAB)	4
	MATH 14002 PSYC 11762	BASIC MATHEMATICAL CONCEPTS II (KMCR) GENERAL PSYCHOLOGY (DIVD) (KSS)	3
	310 11702	Credit Hours	18
s	emester Three	Credit Hours	10
		inimum 2.750 overall GPA by the end of term	
	HEM 10030	CHEMISTRY IN OUR WORLD (KBS)	3
Н	IIST 11050	WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)	3
N	MCED 20000	LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION	3
Р	OL 10100	AMERICAN POLITICS (DIVD) (KSS)	3
K	Cent Core Requi	rement	3
		Credit Hours	15
	Semester Four		
	•	inimum 2.750 overall GPA	
C	or PHY 13001	GENERAL CHEMISTRY I (KBS) or GENERAL COLLEGE PHYSICS I (KBS)	4
С	or PHY 13021	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	1
Е	CON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	3
E	NG 22071 or ENG 22072	STORIES THAT BUILT THE WORLD: HEROES, QUESTS AND LEGENDS (KHUM) or STORIES TO SAVE THE WORLD: LITERATURE AND THE FUTURE OF HUMANITY (KHUM)	3
! E	PSY 29525	EDUCATIONAL PSYCHOLOGY	3
Н	IIST 11051	WORLD HISTORY: MODERN (DIVG) (KHUM)	3

!	MCED 30001	TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I	3
!	MCED 30002	INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD	3
	MCED 31000	TEACHING AND LEARNING IN MIDDLE CHILDHOOD	3
!	MCED 40006	READING AND WRITING IN MIDDLE CHILDHOOD (WIC)	6
		Credit Hours	15
	Semester Six		
	Requirement: m	inimum 2.750 overall GPA	
	ANTH 18630	HUMAN EVOLUTION (KBS)	3
	or	or LIFE ON PLANET EARTH (KBS)	
	BSCI 10002		
!	MCED 40002	TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II	3
!	MCED 40003	TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II	3
!	MCED 40007	TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD	3
!	MCED 41000	CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD	3
		Credit Hours	15
	Semester Sever	1	
	Requirement: m	inimum 2.750 overall GPA	
	HIST 12070	EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)	3
	HIST 31061	HISTORY OF OHIO	3
	MCED 40005	EFFECTIVE USE OF PHONICS IN READING	3
	SPED 23000	INTRODUCTION TO EXCEPTIONALITIES (DIVD)	3
	Science Elective	` '	3-4
		Credit Hours	15
	Semester Eight		
		inimum 2.750 overall GPA	
	MCED 42392	STUDENT TEACHING IN MIDDLE CHILDHOOD	9
		(ELR)	3
!	MCED 49525	INQUIRY INTO PROFESSIONAL	3
		PRACTICE:MIDDLE CHILDHOOD	
		Credit Hours	12
		Minimum Total Credit Hours:	124

University Requirements

All students in a bachelor's degree program at Kent State University must complete the following university requirements for graduation.

NOTE: University requirements may be fulfilled in this program by specific course requirements. Please see Program Requirements for details.

Flashes 101 (UC 10001)	1 credit hour
Course is not required for students with 30+ transfer credits (excluding College Credit Plus) or age 21+ at time of admission.	
Diversity Domestic/Global (DIVD/DIVG)	2 courses
Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.	
Experiential Learning Requirement (ELR)	varies
Students must successfully complete one course or approved experience.	

Kent Core (see table below)	36-37 credit hours		
Writing-Intensive Course (WIC)	1 course		
Students must earn a minimum C grade in the course.			
Upper-Division Requirement	39 credit hours		
Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.			
Total Credit Hour Requirement	120 credit hours		
Kent Core Requirements			

state licensing boards at Kent State's website for professional licensure disclosure.

Kent Core Composition (KCMP)	6
Kent Core Mathematics and Critical Reasoning (KMCR)	3
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)	9
Kent Core Social Sciences (KSS) (must be from two disciplines)	6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)	6-7
Kent Core Additional (KADL)	6
Total Credit Hours:	36-37

Program Learning Outcomes

Graduates of the program will be able to:

- 1. Demonstrate the knowledge, skills and disposition needed to work collaboratively with diverse others.
- 2. Demonstrate content knowledge in two licensure specialization areas.
- 3. Demonstrate in-depth instructional and planning skills to effectively meet the needs of all their students.

Full Description

The Bachelor of Science in Education degree in Middle Childhood Education prepares students for teacher licensure in selected subject areas, plus reading, for grades four to nine. In addition to content coursework and a substantial amount of field experiences, the Middle Childhood Education major includes intensive pedagogy courses that prepare students to understand the unique social, physical, cognitive and emotional needs of the young adolescent; these courses are taken as a cohort. Student teaching occurs during the final semester of the program.

Students choose two concentrations from the following:

- The Language Arts concentration includes courses in communication, grammar, literature, reading and writing.
- The Mathematics concentration includes courses in algebra, trigonometry, calculus, geometry and statistics.
- · The Science concentration includes diverse courses in chemistry, biology, geology and physics.
- The Social Studies concentration includes diverse courses in economics, history, political science and geography.

Professional Licensure Disclosure

This program is designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure or certification and contact information for