MIDDLE CHILDHOOD EDUCATION - B.S.E.

College of Education, Health and Human Services
School of Teaching, Learning and Curriculum Studies
404 White Hall
Kent Campus
330-672-2580
www.kent.edu/ehhs/tlcs

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.

While it is possible to complete the degree program in four years by taking 16-18 credit hours each semester, it is more probable that 4.5 years will be needed for certain combinations of concentrations.

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, geography and anthropology.

Fully Offered At:
- Geauga Campus
- Kent Campus
- Stark Campus

Accreditation
National Council for Accreditation of Teacher Education, Association of Middle Level Educators

Admission Requirements
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 requirements of their intended major may enroll into EHHS General until which time they have established a Kent State GPA of 2.750.

The College of Education, Health and Human Services considers a student to have established a Kent State University GPA after the student has successfully completed a minimum of 12 Kent State University credit hours. Undergraduate students who have not completed a minimum of 12 Kent State University credit hours will be evaluated for admission into programs, advanced study and professional phase based on their high school GPA for new freshmen or transfer GPA for transfer students. Once a student has successfully completed a minimum of 12 Kent State University credit hours, only the student’s Kent State overall GPA will be considered for admission into a program, advanced study and professional phase.

English Language Proficiency Requirements for International Students: All international students must provide proof of English language proficiency (unless they meet specific exceptions) by earning a minimum 525 TOEFL score (71 on the Internet-based version), minimum 75 MELAB score, minimum 6.0 IELTS score or minimum 48 PTE Academic score, or by completing the ELS level 112 Intensive Program. For more information on international admission, visit the Office of Global Education’s admission website.

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.

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.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits/Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Destination Kent State: First Year Experience</td>
<td>1</td>
</tr>
<tr>
<td>Course is not required for students with 25 transfer credits, excluding College Credit Plus, or age 21+ at time of admission.</td>
<td></td>
</tr>
<tr>
<td>Diversity Domestic/Global (DIV/DIVG)</td>
<td>2 courses</td>
</tr>
<tr>
<td>Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.</td>
<td></td>
</tr>
<tr>
<td>Experiential Learning Requirement (ELR)</td>
<td>varies</td>
</tr>
<tr>
<td>Students must successfully complete one course or approved experience.</td>
<td></td>
</tr>
<tr>
<td>Kent Core (see table below)</td>
<td>36-37</td>
</tr>
<tr>
<td>Writing-Intensive Course (WIC)</td>
<td>1 course</td>
</tr>
<tr>
<td>Students must earn a minimum C grade in the course.</td>
<td></td>
</tr>
<tr>
<td>Upper-Division Requirement</td>
<td>39 (or 42)</td>
</tr>
<tr>
<td>Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate. Students in a B.A. and/or B.S. degree in the College of Arts and Sciences must complete 42 upper-division credit hours.</td>
<td></td>
</tr>
<tr>
<td>Total Credit Hour Requirement</td>
<td>120</td>
</tr>
<tr>
<td>Some bachelor’s degrees require students to complete more than 120 credit hours.</td>
<td></td>
</tr>
</tbody>
</table>
# Kent State University Catalog 2017-2018

## Kent Core Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits/Courses</th>
</tr>
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<tbody>
<tr>
<td>Kent Core Composition (KCMP)</td>
<td>6</td>
</tr>
<tr>
<td>Kent Core Mathematics and Critical Reasoning (KMCR)</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each)</td>
<td>9</td>
</tr>
<tr>
<td>Kent Core Social Sciences (KSS) (must be from two disciplines)</td>
<td>6</td>
</tr>
<tr>
<td>Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory)</td>
<td>6-7</td>
</tr>
<tr>
<td>Kent Core Additional (KADL)</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credit Hours: **36-37**

## Program Requirements

### Major Requirements

- **CES 20092**: FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR) **1**
- **CULT 29535**: EDUCATION IN A DEMOCRATIC SOCIETY (min C grade) **3**
- **ENG 22071** or **ENG 22072**: GREAT BOOKS TO 1700 (KHUM) **1** or GREAT BOOKS SINCE 1700 (KHUM) **3**
- **EPSY 29525**: EDUCATIONAL PSYCHOLOGY (min C grade) **3**
- **HDFS 24013**: EARLY ADOLESCENCE (min C grade) **3**
- **HED 42575**: HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS (min C grade) **3**
- **ITEC 39525**: EDUCATIONAL TECHNOLOGY (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 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) **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) **3**
- **MCED 42358**: STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) **9**
- **MCED 49525**: INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD (min C grade) **3**
- **SPED 23000**: INTRODUCTION TO EXCEPTIONALITIES (DIVD) (min C grade) **3**

### Additional Requirements (courses do not count in major GPA)

- **GEOG 17063**: WORLD GEOGRAPHY (DIVG) (KSS) **2**
- **PSYC 11762**: GENERAL PSYCHOLOGY (DIVD) (KSS) **2**
- **UC 10097**: DESTINATION KENT STATE: FIRST YEAR EXPERIENCE **1**

Kent Core Composition (min C grade) **6**

Kent Core Fine Arts **3**

### Concentrations

Choose from the following:

- Language Arts and Mathematics
- Language Arts and Science
- Mathematics and Science
- Mathematics and Social Studies
- Social Studies and Language Arts
- Social Studies and Science

Minimum Total Credit Hours: **128-141**

1. A minimum C grade is required for students in the Language Arts concentration.
2. A minimum C grade is required for students in the Social Studies concentration.

### Progression Requirement

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; GPA and Praxis Core scores. 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, during the first year of study to inquire about the procedures and criteria associated with advanced study.

### Graduation Requirements

<table>
<thead>
<tr>
<th>Minimum Major GPA</th>
<th>Minimum Overall GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.750</td>
<td></td>
</tr>
</tbody>
</table>

### Language Arts and Mathematics Concentration Requirements

[EH-BSE-MCED-LAMT]

<table>
<thead>
<tr>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 15000: INTRODUCTION TO HUMAN COMMUNICATION (KADL)</td>
</tr>
<tr>
<td>COMM 26000: CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)</td>
</tr>
<tr>
<td>or JMC 20001: MEDIA, POWER AND CULTURE (DIVD) (KSS)</td>
</tr>
<tr>
<td>ENG 21001: INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD)</td>
</tr>
<tr>
<td>or ENG 21002: INTRODUCTION TO WOMEN’S LITERATURE (DIVD)</td>
</tr>
<tr>
<td>ENG 25002: LITERATURE IN ENGLISH II</td>
</tr>
<tr>
<td>ENG 31001: FUNDAMENTAL ENGLISH GRAMMAR</td>
</tr>
</tbody>
</table>

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Middle Childhood Education - B.S.E.
Language Arts and Science Concentration Requirements  
[EH-BSE-MCED-LASC]

Concentration Requirements (courses count in major GPA; min C grade required in all courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 18630</td>
<td>HUMAN EVOLUTION (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>or BSCI 10002</td>
<td>LIFE ON PLANET EARTH (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 15000</td>
<td>INTRODUCTION TO HUMAN COMMUNICATION (KADL)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 26000</td>
<td>CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHM)</td>
<td>3</td>
</tr>
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<td>ENG 21001</td>
<td>INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD) (KHM)</td>
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<td>ENG 25002</td>
<td>LITERATURE IN ENGLISH II</td>
<td>3</td>
</tr>
<tr>
<td>ENG 31001</td>
<td>FUNDAMENTAL ENGLISH GRAMMAR</td>
<td>3</td>
</tr>
<tr>
<td>or ENG 31003</td>
<td>LINGUISTICS</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40002</td>
<td>TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II</td>
<td>3</td>
</tr>
<tr>
<td>PHY 11030</td>
<td>SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)</td>
<td>3</td>
</tr>
</tbody>
</table>

Physical Science Electives, choose from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10060</td>
<td>GENERAL CHEMISTRY I (KBS) and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 10062</td>
<td>GENERAL CHEMISTRY I (KBS) and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)</td>
<td>5</td>
</tr>
<tr>
<td>PHY 13001</td>
<td>GENERAL COLLEGE PHYSICS I (KBS) and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)</td>
<td>4</td>
</tr>
<tr>
<td>&amp; PHY 13021</td>
<td>GENERAL COLLEGE PHYSICS I (KBS) and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)</td>
<td>4</td>
</tr>
</tbody>
</table>

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<table>
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<tr>
<th>Course Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td>GEOL 11040</td>
<td>HOW THE EARTH WORKS (KBS) and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; GEOL 11041</td>
<td>HOW THE EARTH WORKS (KBS) and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)</td>
<td>5</td>
</tr>
<tr>
<td>GEOL 11042</td>
<td>EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)</td>
<td>4</td>
</tr>
<tr>
<td>&amp; GEOL 11043</td>
<td>EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)</td>
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<tr>
<td>BSCI 10110</td>
<td>BIOLOGICAL DIVERSITY (KBS) (KLAB)</td>
<td>3</td>
</tr>
<tr>
<td>BSCI 20021</td>
<td>BASIC MICROBIOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>BSCI 30275</td>
<td>LOCAL FLORA (ELR)</td>
<td>3</td>
</tr>
<tr>
<td>BSCI 30560</td>
<td>INVERTEBRATE ZOOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>GEOF 31062</td>
<td>FUNDAMENTALS OF METEOROLOGY</td>
<td>3</td>
</tr>
<tr>
<td>GEOF 41073</td>
<td>CONSERVATION OF NATURAL RESOURCES</td>
<td>3</td>
</tr>
<tr>
<td>GEOI 21080</td>
<td>ALL ABOUT THE OCEANS (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>GEOI 41073</td>
<td>GEOLOGY OF OHIO</td>
<td>3</td>
</tr>
<tr>
<td>PHY 21040</td>
<td>PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS)</td>
<td>3</td>
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</tbody>
</table>

Additional Requirements (courses do not count in major GPA)

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<tr>
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<tbody>
<tr>
<td>BSCI 10001</td>
<td>HUMAN BIOLOGY (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 11050</td>
<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHM)</td>
<td>3</td>
</tr>
<tr>
<td>or PAS 23001</td>
<td>BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
<td>3</td>
</tr>
</tbody>
</table>

Kent Core Basic Sciences (must include a laboratory) 3-4

Minimum Total Credit Hours: 50

Mathematics and Science Concentration Requirements  
[EH-BSE-MCED-MTSC]

Concentration Requirements (courses count in major GPA; min C grade required in all courses)

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<td>GENERAL COLLEGE PHYSICS I (KBS) and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)</td>
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<td>&amp; PHY 13021</td>
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<tr>
<td>BSCI 10120</td>
<td>BIOLOGICAL FOUNDATIONS (KBS) (KLAB) (min C grade)</td>
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</tr>
<tr>
<td>CHEM 10030</td>
<td>CHEMISTRY IN OUR WORLD (KBS) (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 11050</td>
<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHM)</td>
<td>3</td>
</tr>
<tr>
<td>or PAS 23001</td>
<td>BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
<td>3</td>
</tr>
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</table>

Minimum Total Credit Hours: 46
Mathematics and Social Studies Concentration Requirements

Concentration Requirements (courses count in major GPA; min C grade required in all courses)

ANTH 18210 Introduction to Cultural Anthropology (DIVG) (KSS)
on or SOC 12050 Introduction to Sociology (DIVD) (KSS)
ECON 22060 Principles of Microeconomics (KSS)
HIST 11050 World History: Ancient and Medieval (DIVG) (KHUM)
HIST 11051 World History: Modern (DIVG) (KHUM)
MATH 10041 Introductory Statistics (KMCR)
on or MATH 30011 Basic Probability and Statistics
MATH 11010 Algebra for Calculus (KMCR)
MATH 11022 Trigonometry (KMCR)
MATH 12002 Analytic Geometry and Calculus I (KMCR)
MATH 12003 Analytic Geometry and Calculus II (KMCR)
on or MATH 21001 Linear Algebra with Applications
on or MATH 31011 Discrete Mathematics
MATH 34001 Fundamental Concepts of Algebra
MATH 34002 Fundamental Concepts of Geometry
MCED 40001 Teaching Mathematics in Middle Childhood II
MCED 40003 Teaching Social Studies in Middle Childhood II
POL 10100 American Politics (DIVD) (KSS)
Political Science Elective, choose from the following:
POL 10500 World Politics (DIVG) (KSS)
POL 30520 European Politics (DIVG)

Social Studies Elective, choose from the following:
ANTH 48150 Religion: A Search For A Meaning
ANTH 48270 Native Peoples of North America
GEOG 37010 Geography of Ohio
GEOG 37040 Geography of Africa (DIVG)
GEOG 37070 Geography of East and Southeast Asia (DIVG)
GEOG 37084 Geography of South America (DIVG)
GEOG 37085 Geography of Latin America and the Caribbean (DIVG)
HIST 31061 History of Ohio
HIST 31126 History of the Middle East
HIST 31130 History of African Civilization
HIST 31140 Modern Latin America (DIVG)
HIST 42297 Colloquium: China and Japan (WIC)

Additional Requirements (courses do not count in major GPA)

BSCI 10001 Human Biology (KBS)
HIST 12070 Early America: From Pre-Colonization to Civil War and Reconstruction (DIVD) (KHUM) (min C grade)

Kent Core Basic Sciences (must include a laboratory) 3-4

Minimum Total Credit Hours: 59

Social Studies and Language Arts Concentration Requirements

Concentration Requirements (courses count in major GPA; min C grade required in all courses)

ANTH 18210 Introduction to Cultural Anthropology (DIVG) (KSS)
on or SOC 12050 Introduction to Sociology (DIVD) (KSS)
COMM 15000 Introduction to Human Communication (KADL)
COMM 26000 Criticism of Public Discourse (DIVD) (KHUM)
on or JMC 20001 Media, Power and Culture (DIVD) (KSS)
ECON 22060 Principles of Microeconomics (KSS)
ENG 21001 Introduction to Ethnic Literature of the United States (DIVD)
on or ENG 21002 Introduction to Women's Literature (DIVD)
ENG 25002 Literature in English II
ENG 31001 Fundamental English Grammar
on or ENG 31003 Linguistics
HIST 11050 World History: Ancient and Medieval (DIVG) (KHUM)
HIST 11051 World History: Modern (DIVG) (KHUM)
MCED 40003 Teaching Social Studies in Middle Childhood II
POL 10100 American Politics (DIVD) (KSS)
Political Science Elective, choose from the following:
POL 10500 World Politics (DIVG) (KSS)
POL 30520 European Politics (DIVG)
POL 30540 African Politics (DIVG)
POL 30550 Latin American Politics (DIVG)

Social Studies Elective, choose from the following:
ANTH 48150 Religion: A Search For A Meaning
ANTH 48270 NATIVE PEOPLES OF NORTH AMERICA
GEOG 37010 GEOGRAPHY OF OHIO
GEOG 37040 GEOGRAPHY OF AFRICA (DIVG)
GEOG 37070 GEOGRAPHY OF EAST AND SOUTHEAST ASIA (DIVG)
GEOG 37080 GEOGRAPHY OF SOUTH AMERICA (DIVG)
HIST 31061 HISTORY OF OHIO
HIST 31126 HISTORY OF THE MIDDLE EAST
HIST 31130 HISTORY OF AFRICAN CIVILIZATION
HIST 31140 MODERN LATIN AMERICA (DIVG)
GEOG 37010 GEOGRAPHY OF OHIO
GEOG 37040 GEOGRAPHY OF AFRICA (DIVG)
GEOG 37070 GEOGRAPHY OF EAST AND SOUTHEAST ASIA (DIVG)
GEOG 37080 GEOGRAPHY OF SOUTH AMERICA (DIVG)
GEOG 37085 GEOGRAPHY OF LATIN AMERICA AND THE CARIBBEAN (DIVG)
HIST 31061 HISTORY OF OHIO
HIST 31126 HISTORY OF THE MIDDLE EAST
HIST 31130 HISTORY OF AFRICAN CIVILIZATION
HIST 31140 MODERN LATIN AMERICA (DIVG)
HIST 42297 COLLOQUIUM: CHINA AND JAPAN (WIC)

Additional Requirements (courses do not count in major GPA)
BSCI 10001 HUMAN BIOLOGY (KBS) 3
HIST 12070 EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM) (min C grade)

Kent Core Basic Sciences (must include a laboratory) 3-4

Minimum Total Credit Hours: 48

Social Studies and Science Concentration Requirements [EH-BSE-MCED-SSSC]

Concentration Requirements (courses count in major GPA; min C grade required in all courses)
ANTH 18210 INTRODUCTION TO CULTURAL ANTHROPOLOGY (DIVG) (KSS) 3
or SOC 12050 INTRODUCTION TO SOCIOLOGY (DIVD) (KSS) 3
ANTH 18530 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
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 Electives, choose from the following: 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 Electives, choose from the following: 4
GEOL 11040 & GEOL 11041 HOW THE EARTH WORKS (KBS) and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)
GEOL 11042 & GEOL 11043 EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)

Science Elective, choose from the following: 3-4
BSCI 10110 BIOLOGICAL DIVERSITY (KBS) (KLAB)
BSCI 20021 BASIC MICROBIOLOGY
BSCI 30275 LOCAL FLORA (ELR)

BSCI 30560 INVERTEBRATE ZOOLOGY
GEOG 31062 FUNDAMENTALS OF METEOROLOGY
GEOG 41073 CONSERVATION OF NATURAL RESOURCES
GEOL 21080 ALL ABOUT THE OCEANS (KBS)
GEOL 41073 GEOLOGY OF OHIO
PHY 21040 PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS)
PHY 21430 FRONTIERS IN ASTRONOMY (KBS)

Political Science Elective, choose from the following: 3
POL 10500 WORLD POLITICS (DIVG) (KSS)
POL 30520 EUROPEAN POLITICS (DIVG)
POL 30540 AFRICAN POLITICS (DIVG)
POL 30550 LATIN AMERICAN POLITICS (DIVG)

Social Studies Elective, choose from the following: 3
ANTH 48150 RELIGION: A SEARCH FOR A MEANING
ANTH 48270 NATIVE PEOPLES OF NORTH AMERICA
GEOG 37010 GEOGRAPHY OF OHIO
GEOG 37040 GEOGRAPHY OF AFRICA (DIVG)
GEOG 37070 GEOGRAPHY OF EAST AND SOUTHEAST ASIA (DIVG)
GEOG 37084 GEOGRAPHY OF SOUTH AMERICA (DIVG)
GEOG 37085 GEOGRAPHY OF LATIN AMERICA AND THE CARIBBEAN (DIVG)
HIST 31061 HISTORY OF OHIO
HIST 31126 HISTORY OF THE MIDDLE EAST
HIST 31130 HISTORY OF AFRICAN CIVILIZATION
HIST 31140 MODERN LATIN AMERICA (DIVG)
HIST 42297 COLLOQUIUM: CHINA AND JAPAN (WIC)

Additional Requirements (courses do not count in major GPA; min C grade required in all courses)
BSCI 10120 BIOLOGICAL FOUNDATIONS (KBS) (KLAB) 4
CHEM 10030 CHEMISTRY IN OUR WORLD (KBS) 3
HIST 12070 EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM) 3

Minimum Total Credit Hours: 55

Roadmaps
- Language Arts and Mathematics Concentration
- Language Arts and Science Concentration
- Mathematics and Science Concentration
- Mathematics and Social Studies Concentration
- Social Studies and Language Arts Concentration
- Social Studies and Science Concentration
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.

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tr>
<td><strong>Semester One</strong></td>
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<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
<td>3</td>
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<tr>
<td>HIST 11050</td>
<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
<td>3</td>
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<tr>
<td>or HIST 12070</td>
<td>or EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or PAS 23001</td>
<td>or BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
<td>3</td>
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<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
<td>4</td>
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<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
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**Semester Two**
Requirement: successful completion of Praxis Core Reading (156 score), Writing (162 score) and Mathematics (150 score)

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<tr>
<th>Course</th>
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<td>BSCI 10001</td>
<td>HUMAN BIOLOGY (KBS)</td>
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<td>INTRODUCTION TO HUMAN COMMUNICATION (KADL)</td>
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<tr>
<td>! CULT 29535</td>
<td>EDUCATION IN A DEMOCRATIC SOCIETY</td>
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<tr>
<td>MATH 11010</td>
<td>ALGEBRA FOR CALCULUS (KMCR)</td>
<td>3</td>
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<tr>
<td>MATH 14002</td>
<td>BASIC MATHEMATICAL CONCEPTS II (KMCR)</td>
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<td><strong>Credit Hours</strong></td>
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**Semester Three**
Requirement: minimum 2.750 overall GPA by the end of term

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<td>FUNDAMENTAL ENGLISH GRAMMAR</td>
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<tr>
<td>or ENG 31003</td>
<td>or LINGUISTICS</td>
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<tr>
<td>! EPSY 29525</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
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<tr>
<td>MATH 11022</td>
<td>TRIGONOMETRY (KMCR)</td>
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<td>PSYC 11762</td>
<td>GENERAL PSYCHOLOGY (DIVD) (KSS)</td>
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<td><strong>Credit Hours</strong></td>
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**Semester Four**
Requirement: minimum 2.750 overall GPA

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<thead>
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<td>! CES 20092</td>
<td>FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR)</td>
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<tr>
<td>COMM 26000</td>
<td>CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)</td>
<td>3</td>
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<tr>
<td>or JMC 20001</td>
<td>or MEDIA, POWER AND CULTURE (DIVD) (KSS)</td>
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<tr>
<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM)</td>
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<tr>
<td>or ENG 22072</td>
<td>or GREAT BOOKS SINCE 1700 (KHUM)</td>
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<td>! HDFS 24013</td>
<td>EARLY ADOLESCENCE</td>
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<tr>
<td>MATH 12002</td>
<td>ANALYTIC GEOMETRY AND CALCULUS I (KMCR)</td>
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<td>Kent Core Requirement</td>
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**Semester Five**
Requirement: minimum 2.750 overall GPA

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<tr>
<td>MATH 34001</td>
<td>FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
<td>3</td>
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<tr>
<td>! MCED 30001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I</td>
<td>3</td>
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<tr>
<td><strong>Credit Hours</strong></td>
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**Semester Six**
Requirement: minimum 2.750 overall GPA

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>! MATH 14001</td>
<td>FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 30002</td>
<td>INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 31000</td>
<td>TEACHING AND LEARNING IN MIDDLE CHILDHOOD</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 40006</td>
<td>READING AND WRITING IN MIDDLE CHILDHOOD (WIC)</td>
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<tr>
<td><strong>Credit Hours</strong></td>
<td>18</td>
<td></td>
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</table>

**Semester Seven**
Requirement: minimum 2.750 overall GPA

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>! ENG 21001</td>
<td>INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD)</td>
<td>3</td>
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<tr>
<td>or ENG 21002</td>
<td>or INTRODUCTION TO WOMEN'S LITERATURE (DIVD)</td>
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<tr>
<td>HED 42575</td>
<td>HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS</td>
<td>3</td>
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<tr>
<td>ITEC 39525</td>
<td>EDUCATIONAL TECHNOLOGY</td>
<td>3</td>
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<tr>
<td>MATH 10041</td>
<td>INTRODUCTORY STATISTICS (KMCR)</td>
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<tr>
<td>or MATH 30011</td>
<td>or BASIC PROBABILITY AND STATISTICS</td>
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<td>MATH 12003</td>
<td>ANALYTIC GEOMETRY AND CALCULUS II</td>
<td>3-5</td>
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<tr>
<td>or MATH 21001</td>
<td>or LINEAR ALGEBRA WITH APPLICATIONS</td>
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<tr>
<td>or MATH 31011</td>
<td>or DISCRETE MATHEMATICS</td>
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<tr>
<td>SPED 23000</td>
<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
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**Semester Eight**
Requirement: minimum C grade in all professional courses and minimum 2.750 overall GPA

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<th>Course</th>
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<tbody>
<tr>
<td>! MCED 42358</td>
<td>STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)</td>
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<tr>
<td>! MCED 49525</td>
<td>INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD</td>
<td>3</td>
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<tr>
<td><strong>Credit Hours</strong></td>
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</table>

Minimum Total Credit Hours: 132
## 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.

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<tr>
<th>Course</th>
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<tr>
<td><strong>Semester One</strong></td>
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<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
<td>3</td>
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<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
<td>4</td>
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<tr>
<td>PHY 11030</td>
<td>SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)</td>
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<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
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<tr>
<td>Kent Core Requirement &amp; Kent Core Requirement</td>
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</table>

**Credit Hours:** 17

| **Semester Two**                                                                 |         |
| Requirement: successful completion of Praxis Core Reading (156 score), Writing (162 score) and Mathematics (150) |         |
| ! CULT 29535 | EDUCATION IN A DEMOCRATIC SOCIETY                                    | 3       |
| GEOL 11040  | HOW THE EARTH WORKS (KBS)                                            | 3       |
| or         | HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)                         | 1       |
| GEOL 11041  | HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)                         | 1       |
| or         | HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)                         | 1       |
| HIST 11050  | WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)                   | 3       |
| or         | WORLD HISTORY: EARLY AMERICA: FROM PRE-                           |         |
| or         | COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVG) (KHUM)         |         |
| or         | BLACK EXPERIENCE I: BEGINNINGS TO                                   |         |
| or         | 1865 (DIVG) (KHUM)                                                  |         |
| ! MATH 14002 | BASIC MATHEMATICAL CONCEPTS II (KMCR)                              | 4       |
| PSYC 11762 | GENERAL PSYCHOLOGY (DIVD) (KSS)                                     | 3       |

**Credit Hours:** 17

| **Semester Three**                                                                 |         |
| Requirement: minimum 2.750 overall GPA by the end of term |         |
| BSCI 10120  | BIOLOGICAL FOUNDATIONS (KBS) (KLAB)                                 | 4       |
| CHEM 10030  | CHEMISTRY IN OUR WORLD (KBS)                                       | 3       |
| COMM 15000  | INTRODUCTION TO HUMAN COMMUNICATION (KADL)                          | 3       |
| ! EPSY 29525| EDUCATIONAL PSYCHOLOGY                                             | 3       |
| Kent Core Requirement & Kent Core Requirement                               | 3       |

**Credit Hours:** 17

| **Semester Four**                                                                 |         |
| Requirement: minimum 2.750 overall GPA                                           |         |
| ! CES 20092  | FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR)                          | 1       |
| CHEM 10060  | GENERAL CHEMISTRY I (KBS)                                           | 4       |
| or         | GENERAL COLLEGE PHYSICS I (KBS)                                    |         |
| CHEM 10062  | GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)                        | 1       |
| or         | GENERAL COLLEGE PHYSICS I LABORATORY (KBS) (KLAB)                 |         |
| COMM 26000  | CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)                        | 3       |
| or         | MEDIA, POWER AND CULTURE (DIVD) (KSS)                              |         |

**Credit Hours:** 16

| **Semester Five**                                                                 |         |
| Requirement: minimum 2.750 overall GPA                                           |         |
| ! 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:** 18

| **Semester Six**                                                                 |         |
| Requirement: minimum 2.750 overall GPA                                           |         |
| ANTH 18630  | HUMAN EVOLUTION (KBS)                                               | 3       |
| or         | LIFE ON PLANET EARTH (KBS)                                         |         |
| ENG 25002  | LITERATURE IN ENGLISH II                                            | 3       |
| ! MCED 40002 | TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II                        | 3       |
| ! MCED 40005 | EFFECTIVE USE OF PHONICS IN READING                                 | 3       |
| ! MCED 40007 | TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD               | 3       |
| ! MCED 41000 | CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD                    | 3       |

**Credit Hours:** 18

| **Semester Seven**                                                                 |         |
| Requirement: minimum 2.750 overall GPA                                           |         |
| ENG 21001  | INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD)       | 3       |
| or         | INTRODUCTION TO WOMEN'S LITERATURE (DIVD)                           |         |
| HED 42575  | HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS           | 3       |
| ITEC 39525 | EDUCATIONAL TECHNOLOGY                                              | 3       |
| SPED 23000 | INTRODUCTION TO EXCEPTIONALITIES (DIVD)                             | 3       |
| Science Elective                                                                 | 3-4     |

**Credit Hours:** 15

| **Semester Eight**                                                                 |         |
| Requirement: minimum C grade in all professional courses and minimum 2.750 overall GPA |         |
| ! MCED 42358 | STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)                          | 9       |
| ! MCED 49525 | INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD                | 3       |

**Credit Hours:** 12

**Minimum Total Credit Hours:** 128
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.

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<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
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<td>PHY 11030</td>
<td>SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)</td>
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<tr>
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<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
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<td>ANTH 18630</td>
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<td>CHEM 10030</td>
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<td>or HIST 12070</td>
<td>or EARLY AMERICA: FROM PRE-CONLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHAM)</td>
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<td>or ENG 22072</td>
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<td>or BASIC PROBABILITY AND STATISTICS</td>
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<td>GENERAL CHEMISTRY I (KBS)</td>
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<td>or EARTH AND LIFE THROUGH TIME (KBS)</td>
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<td>INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD</td>
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<td>TEACHING AND LEARNING IN MIDDLE CHILDHOOD</td>
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<td>! MCED 40002</td>
<td>TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II</td>
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<td>! MCED 40007</td>
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<td>! MCED 41000</td>
<td>CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD</td>
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<td>PSYC 11762</td>
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<td>MATH 12003</td>
<td>ANALYTIC GEOMETRY AND CALCULUS II</td>
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<tr>
<td>or MATH 21001</td>
<td>or LINEAR ALGEBRA WITH APPLICATIONS</td>
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<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
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<td>Requirement: minimum C grade in all professional courses and minimum 2.750 overall GPA</td>
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<td>! MCED 42358</td>
<td>STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)</td>
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<td>INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD</td>
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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.

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tr>
<td>Semester One</td>
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<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
<td>3</td>
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<tr>
<td>HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)</td>
<td>3</td>
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<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
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<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
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Semester Two

Requirement: successful completion of Praxis Core Reading (156 score), Writing (162 score) and Mathematics (150 score)

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<td>INTRODUCTION TO CULTURAL ANTHROPOLOGY (DIVG) (KSS) or INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)</td>
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<td>BSCI 10001</td>
<td>HUMAN BIOLOGY (KBS)</td>
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<td>EDUCATION IN A DEMOCRATIC SOCIETY</td>
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<td>POL 10100</td>
<td>AMERICAN POLITICS (DIVD) (KSS)</td>
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Semester Three

Requirement: minimum 2.750 overall GPA by the end of term

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<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
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<td>MATH 10041 or MATH 30011</td>
<td>INTRODUCTORY STATISTICS (KMCR) or BASIC PROBABILITY AND STATISTICS</td>
<td>3-4</td>
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<td>MATH 11022</td>
<td>TRIGONOMETRY (KMCR)</td>
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Semester Four

Requirement: minimum 2.750 overall GPA

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<td>FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR)</td>
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<td>ENG 22071 or ENG 22072</td>
<td>GREAT BOOKS TO 1700 (KHUM) or GREAT BOOKS SINCE 1700 (KHUM)</td>
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<td>! HDPS 24013</td>
<td>EARLY ADOLESCENCE</td>
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<tr>
<td>HIST 11051</td>
<td>WORLD HISTORY: MODERN (DIVG) (KHUM)</td>
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<td>! MATH 12001 or MATH 31011</td>
<td>ANALYTIC GEOMETRY AND CALCULUS II or LINEAR ALGEBRA WITH APPLICATIONS or DISCRETE MATHEMATICS</td>
<td>3-5</td>
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<td>SPED 23000</td>
<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
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Semester Five

Requirement: minimum 2.750 overall GPA

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Credit Hours 18

Semester Six

Requirement: minimum 2.750 overall GPA. Note: apply for student teaching

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<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II</td>
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<td>! MCED 40003</td>
<td>TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II</td>
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<td>EFFECTIVE USE OF PHONICS IN READING</td>
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<td>! MCED 40007</td>
<td>TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD</td>
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<td>! MCED 41000</td>
<td>CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD</td>
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Credit Hours 18

Semester Seven

Requirement: minimum 2.750 overall GPA

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<td>HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS</td>
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<td>ITEC 39525</td>
<td>EDUCATIONAL TECHNOLOGY</td>
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<td>MATH 12003 or MATH 21001 or MATH 31011</td>
<td>ANALYTIC GEOMETRY AND CALCULUS II or LINEAR ALGEBRA WITH APPLICATIONS or DISCRETE MATHEMATICS</td>
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<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
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Semester Eight

Requirement: minimum C grade in all professional courses and minimum 2.750 overall GPA

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<td>INQUIRY INTO PROFESSIONAL PRACTICE/MIDDLE CHILDHOOD</td>
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Credit Hours 12

Minimum Total Credit Hours: 141
# 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.

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<tr>
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<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
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<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)</td>
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<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
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| **Semester Two** | | |
| Requirement: successful completion of Praxis Core Reading (156 score), Writing (162 score) and Mathematics (150 score) | | |
| 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: minimum 2.750 overall GPA by the end of term | | |
| ! EPSY 29525 | EDUCATIONAL PSYCHOLOGY | 3 |
| HIST 11050 | WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) | 3 |
| POL 10100 | AMERICAN POLITICS (DIVD) (KSS) | 3 |
| | Kent Core Requirement | 3 |
| | Kent Core Requirement | 3-4 |
| **Credit Hours** | | 15 |

| **Semester Four** | | |
| Requirement: minimum 2.750 overall GPA | | |
| ANTH 18210 | INTRODUCTION TO CULTURAL ANTHROPOLOGY (DIVG) (KSS) or INTRODUCTION TO SOCIOLOGY (DIVD) (KSS) | 3 |
| ! CES 20092 | FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR) | 1 |
| COMM 26000 | CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM) or MEDIA, POWER AND CULTURE (DIVD) (KSS) | 3 |
| ! ENG 22071 or ENG 22072 | GREAT BOOKS TO 1700 (KHUM) or GREAT BOOKS SINCE 1700 (KHUM) | 3 |
| ! HDFS 24013 | EARLY ADOLESCENCE | 3 |
| HIST 11051 | WORLD HISTORY: MODERN (DIVG) (KHUM) | 3 |
| **Credit Hours** | | 16 |

| **Semester Five** | | |
| Requirement: minimum 2.750 overall GPA | | |
| ENG 31001 | FUNDAMENTAL ENGLISH GRAMMAR or LINGUISTICS | 3 |
| ! MCED 30001 | TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I | 3 |

| **Semester Six** | | |
| Requirement: minimum 2.750 overall GPA | | |
| ! 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** | | 18 |

| **Semester Seven** | | |
| Requirement: minimum 2.750 overall GPA | | |
| ECON 22060 | PRINCIPLES OF MICROECONOMICS (KSS) | 3 |
| ! ENG 21001 or ENG 21002 | INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD) or INTRODUCTION TO WOMEN'S LITERATURE (DIVD) | 3 |
| HED 42575 | HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS | 3 |
| SPED 23000 | INTRODUCTION TO EXCEPTIONALITIES (DIVD) | 3 |
| Political Science Elective | | 3 |
| Social Studies Elective | | 3 |
| **Credit Hours** | | 18 |

| **Semester Eight** | | |
| Requirement: minimum C grade in all professional courses and minimum 2.750 overall GPA | | |
| ! MCED 42358 | STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) | 9 |
| ! MCED 49525 | INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD | 3 |
| **Credit Hours** | | 12 |

| **Minimum Total Credit Hours:** | | 130 |
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.

<table>
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<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
<td>3</td>
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<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
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<tr>
<td>PHY 11030</td>
<td>SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)</td>
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<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
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**Semester Two**

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<tr>
<td>Note: successful completion of Praxis Core Reading (156 score), Writing (152 score) and Mathematics (150 score)</td>
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<tr>
<td>BSCI 10120</td>
<td>BIOLOGICAL FOUNDATIONS (KBS) (KLAB)</td>
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<tr>
<td>! CULT 29535</td>
<td>EDUCATION IN A DEMOCRATIC SOCIETY</td>
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<tr>
<td>GEOL 11040</td>
<td>HOW THE EARTH WORKS (KBS)</td>
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<tr>
<td>or GEOL 11042</td>
<td>or EARTH AND LIFE THROUGH TIME (KBS)</td>
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<tr>
<td>GEOL 11041</td>
<td>HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)</td>
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<tr>
<td>or GEOL 11043</td>
<td>or EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)</td>
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<tr>
<td>! MATH 14002</td>
<td>BASIC MATHEMATICAL CONCEPTS II (KMCR)</td>
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<tr>
<td>PSYC 11762</td>
<td>GENERAL PSYCHOLOGY (DIVD) (KSS)</td>
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**Semester Three**

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<tr>
<td>ANTH 18210</td>
<td>INTRODUCTION TO CULTURAL ANTHROPOLOGY (DIVG) (KSS)</td>
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<td>or SOC 12050</td>
<td>or INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)</td>
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<td>CHEM 10030</td>
<td>CHEMISTRY IN OUR WORLD (KBS)</td>
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<td>! EPSY 29525</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
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<tr>
<td>HIST 11050</td>
<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
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<td>AMERICAN POLITICS (DIVD) (KSS)</td>
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**Semester Four**

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<tr>
<td>! CES 20092</td>
<td>FIELD EXPERIENCE I: MIDDLE CHILDHOOD (ELR)</td>
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<td>CHEM 10060</td>
<td>GENERAL CHEMISTRY I (KBS)</td>
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<td>or PHY 13021</td>
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<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM)</td>
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<tr>
<td>or ENG 22072</td>
<td>or GREAT BOOKS SINCE 1700 (KHUM)</td>
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<tr>
<td>! HDFS 24013</td>
<td>EARLY ADOLESCENCE</td>
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**Semester Five**

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<td>WORLD HISTORY: MODERN (DIVG) (KHUM)</td>
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<td>Requirement: minimum 2.750 overall GPA</td>
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<td>ANTH 18630</td>
<td>HUMAN EVOLUTION (KBS)</td>
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<td>or BSCI 10002</td>
<td>or LIFE ON PLANET EARTH (KBS)</td>
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<td>! MCED 40002</td>
<td>TEACHING SCIENCE IN THE MIDDLE CHILDHOOD II</td>
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<td>! MCED 40003</td>
<td>TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II</td>
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<td>! MCED 40005</td>
<td>EFFECTIVE USE OF PHONICS IN READING</td>
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<td>! MCED 40007</td>
<td>TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD</td>
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<td>! MCED 41000</td>
<td>CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD</td>
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**Semester Seven**

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<td>HED 42575</td>
<td>HEALTH AND LEARNING: STRATEGIES FOR STUDENTS AND TEACHERS</td>
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<td>ITEC 39525</td>
<td>EDUCATIONAL TECHNOLOGY</td>
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<td>SPED 23000</td>
<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
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<tr>
<td>Science Elective</td>
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<tr>
<td>Social Studies Elective</td>
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**Semester Eight**

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<tr>
<td>Requirement: minimum 2.750 overall GPA</td>
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<tr>
<td>! MCED 42358</td>
<td>STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)</td>
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<td>! MCED 49525</td>
<td>INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD</td>
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| Minimum Total Credit Hours: | 137 |