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

Examples of Possible Careers*

Education teachers, postsecondary
- 4.8% about as fast as the average
- 77,300 number of jobs
- $65,440 potential earnings

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

Contact Information
- Program Coordinator: Sonya Wisdom (Kent) | swisdom@kent.edu | 330-672-0452
- Robin Dever (Geauga) | rdever2@kent.edu | 440-834-3720
- Shelly Heron (Stark) | mheron@kent.edu | 330-244-3403
- Speak with an Advisor
  - Geauga Campus
  - Kent Campus
  - Stark Campus
- Chat with an Admissions Counselor

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

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

Admission Requirements
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.

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, minimum 48 PTE score or minimum 100 DET score; or by completing the ESL 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:

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.

*Note: Source of occupation titles and labor data is 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.
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.

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

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.

Destination Kent State: First Year Experience

- Course is not required for students with 25 transfer credits, excluding College Credit Plus, or age 21+ at time of admission.
- Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.
- Students must successfully complete one course or approved experience.
- Students must earn a minimum C grade in the course.

Upper-Division Requirement

- 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.

Total Credit Hour Requirement

Some bachelor’s degrees require students to complete more than 120 credit hours.

Kent Core Requirements

Kent Core Composition (KCMP) 6
Kent Core Mathematics and Critical Reasoning (KMCR) 3
Kent Core Humanities and Fine Arts (KHM/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 Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CULT 29535</td>
<td>EDUCATION IN A DEMOCRATIC SOCIETY (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or ENG 22072</td>
<td>GREAT BOOKS SINCE 1700 (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>EPSY 29525</td>
<td>EDUCATIONAL PSYCHOLOGY (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR) (min C grade)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 14002</td>
<td>BASIC MATHEMATICAL CONCEPTS II (KMCR) (min C grade)</td>
<td>4</td>
</tr>
<tr>
<td>MCD 20000</td>
<td>LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 30001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 30002</td>
<td>INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 31000</td>
<td>TEACHING AND LEARNING IN MIDDLE CHILDHOOD (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 40005</td>
<td>EFFECTIVE USE OF PHONICS IN READING (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 40006</td>
<td>READING AND WRITING IN MIDDLE CHILDHOOD (WIC) (min C grade)</td>
<td>6</td>
</tr>
<tr>
<td>MCD 40007</td>
<td>TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 40100</td>
<td>CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>MCD 42392</td>
<td>STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR) (min C grade)</td>
<td>9</td>
</tr>
<tr>
<td>MCD 49525</td>
<td>INQUIRY INTO PROFESSIONAL PRACTICE IN MIDDLE CHILDHOOD (min C grade)</td>
<td>3</td>
</tr>
<tr>
<td>SPED 23000</td>
<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD) (min C grade)</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Requirements (courses do not count in major GPA)

- GEOG 17063 | WORLD GEOGRAPHY (DIVD) (KSS) | 3 |
- PSYC 11762 | GENERAL PSYCHOLOGY (DIVD) (KSS) | 3 |
- 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: 45-55

- 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: 120-130

1 A minimum C grade is required in either ENG 22071 or ENG 22072 for students in the Language Arts concentration.

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

### Language Arts and Mathematics Concentration Requirements

**Code** | **Title** | **Credit Hours**
--- | --- | ---

<table>
<thead>
<tr>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 15000</td>
<td>INTRODUCTION TO HUMAN COMMUNICATION (KADL)</td>
</tr>
<tr>
<td>COMM 26000</td>
<td>CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)</td>
</tr>
<tr>
<td>or MDJ 20001</td>
<td>MEDIA, POWER AND CULTURE (DIVD) (KSS)</td>
</tr>
<tr>
<td>ENG 31001</td>
<td>FUNDAMENTAL ENGLISH GRAMMAR</td>
</tr>
<tr>
<td>or ENG 31003</td>
<td>LINGUISTICS</td>
</tr>
<tr>
<td>MATH 10041</td>
<td>INTRODUCTORY STATISTICS (KMCR)</td>
</tr>
<tr>
<td>MATH 11010</td>
<td>ALGEBRA FOR CALCULUS (KMCR)</td>
</tr>
<tr>
<td>MATH 11022</td>
<td>TRIGONOMETRY (KMCR)</td>
</tr>
<tr>
<td>MATH 12002</td>
<td>ANALYTIC GEOMETRY AND CALCULUS I (KMCR)</td>
</tr>
<tr>
<td>MATH 34001</td>
<td>FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
</tr>
<tr>
<td>MATH 34002</td>
<td>FUNDAMENTAL CONCEPTS OF GEOMETRY</td>
</tr>
<tr>
<td>MCED 40001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II</td>
</tr>
</tbody>
</table>

**Literature Electives, choose from the following:**

| ENG 21001 | INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD) | 3 |
| ENG 21002 | INTRODUCTION TO WOMEN'S LITERATURE (DIVD) | 3 |
| ENG 21003 | INTRODUCTION TO LGBT LITERATURE (DIVD) | 3 |
| ENG 32002 | LITERATURE FOR YOUNG ADULTS | 3 |
| ENG 33012 | MODERN AFRICAN-AMERICAN LITERATURE | 3 |
| ENG 34021 | WOMEN'S LITERATURE (DIVD) | 3 |
| ENG 35301 | LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) | 3 |

**Writing Electives, choose from the following:**

| ENG 20002 | INTRODUCTION TO TECHNICAL WRITING | 3 |
| ENG 20021 | INTRODUCTION TO CREATIVE WRITING | 3 |
| ENG 30050 | WRITING AND RHETORIC IN A DIGITAL AGE | 3 |
| ENG 30051 | WRITING, RHETORIC AND NEW MEDIA | 3 |
| ENG 30064 | ARGUMENTATIVE PROSE WRITING | 3 |
| ENG 30071 | CREATIVE NONFICTION | 3 |

**Additional Requirements (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) (KHUM) | 3 |
| or HIST 12070 | EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVG) (KHUM) | 3 |
| BSCI 10001 | HUMAN BIOLOGY (KBS) | 3 |
| Kent Core Basic Sciences (must include a laboratory) | 3-4 |

**Minimum Total Credit Hours:**

48

---

### Language Arts and Science Concentration Requirements

**Code** | **Title** | **Credit Hours**
--- | --- | ---

<table>
<thead>
<tr>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 18630</td>
<td>HUMAN EVOLUTION (KBS)</td>
</tr>
</tbody>
</table>

**Additional Requirements (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) (KHUM) | 3 |
| or BSCI 10002 | LIFE ON PLANET EARTH (KBS) | 3 |
| 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) | 3 |
| ENG 31001 | FUNDAMENTAL ENGLISH GRAMMAR | 3 |
| or ENG 31003 | LINGUISTICS | 3 |
| 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:**

| ENG 21001 | INTRODUCTION TO ETHNIC LITERATURE OF THE UNITED STATES (DIVD) | 3 |
| ENG 21002 | INTRODUCTION TO WOMEN'S LITERATURE (DIVD) | 3 |
| ENG 21003 | INTRODUCTION TO LGBT LITERATURE (DIVD) | 3 |
| ENG 32002 | LITERATURE FOR YOUNG ADULTS | 3 |
| ENG 33012 | MODERN AFRICAN-AMERICAN LITERATURE | 3 |
| ENG 34021 | WOMEN'S LITERATURE (DIVD) | 3 |
| ENG 35301 | LESBIAN, GAY, BISEXUAL AND TRANSGENDER: CRITICAL PERSPECTIVES (DIVD) | 3 |

**Writing Electives, choose from the following:**

| ENG 20002 | INTRODUCTION TO TECHNICAL WRITING | 3 |
| ENG 20021 | INTRODUCTION TO CREATIVE WRITING | 3 |
| ENG 30050 | WRITING AND RHETORIC IN A DIGITAL AGE | 3 |
| ENG 30051 | WRITING, RHETORIC AND NEW MEDIA | 3 |
| ENG 30064 | ARGUMENTATIVE PROSE WRITING | 3 |
| ENG 30071 | CREATIVE NONFICTION | 3 |

**Physical Science Electives, choose from the following:**

| CHEM 10060 | GENERAL CHEMISTRY I (KBS) | 5 |
| & CHEM 10062 | and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB) | 5 |
| PHY 13001 | GENERAL COLLEGE PHYSICS I (KBS) | 5 |
| & PHY 13021 | and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB) | 5 |

**Earth Science Electives, choose from the following:**

| GEOL 11040 | HOW THE EARTH WORKS (KBS) | 4 |
| & GEOL 11041 | and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB) | 4 |
| GEOL 11042 | EARTH AND LIFE THROUGH TIME (KBS) | 4 |
| & GEOL 11043 | and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB) | 4 |

**Science Elective, choose from the following:**

| BSCI 20021 | BASIC MICROBIOLOGY | 3-4 |
| BSCI 30275 | LOCAL FLORA (ELR) | 3-4 |
| BSCI 30560 | INVERTEBRATE ZOOLOGY | 3-4 |
| GEOG 31062 | FUNDAMENTALS OF METEOROLOGY | 3-4 |
| GEOG 41073 | CONSERVATION OF NATURAL RESOURCES | 3-4 |
| GEOL 21080 | ALL ABOUT THE OCEANS (KBS) | 3-4 |
| GEOL 41073 | GEOLOGY OF OHIO | 3-4 |
| PHY 21040 | PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS) | 3-4 |
| PHY 21430 | FRONTIERS IN ASTRONOMY (KBS) | 3-4 |

**Additional Requirements (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) (KHUM) | 3 |
Mathematics and Science Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 18530</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>MATH 10041</td>
<td>INTRODUCTORY STATISTICS (KMCR)</td>
<td>4</td>
</tr>
<tr>
<td>MATH 111010</td>
<td>ALGEBRA FOR CALCULUS (KMCR)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 111022</td>
<td>TRIGONOMETRY (KMCR)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 12002</td>
<td>ANALYTIC GEOMETRY AND CALCULUS I (KMCR)</td>
<td>5</td>
</tr>
<tr>
<td>MATH 34001</td>
<td>FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
<td>3</td>
</tr>
<tr>
<td>MATH 34002</td>
<td>FUNDAMENTAL CONCEPTS OF GEOMETRY</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II</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>Code</th>
<th>Title</th>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10060 &amp; CHEM 10062</td>
<td>GENERAL CHEMISTRY I (KBS) and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)</td>
<td>3</td>
</tr>
<tr>
<td>PHY 13001 &amp; PHY 13021</td>
<td>GENERAL COLLEGE PHYSICS I (KBS) and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)</td>
<td>3</td>
</tr>
</tbody>
</table>

Earth Science Electives, choose from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 11040 &amp; GEOL 11041</td>
<td>HOW THE EARTH WORKS (KBS) and HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 11042 &amp; GEOL 11043</td>
<td>EARTH AND LIFE THROUGH TIME (KBS) and EARTH AND LIFE THROUGH TIME LABORATORY (KBS) (KLAB)</td>
<td>4</td>
</tr>
</tbody>
</table>

Science Elective, choose from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
</tr>
</thead>
<tbody>
<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>GEOG 31062</td>
<td>FUNDAMENTALS OF METEOROLOGY</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 41073</td>
<td>CONSERVATION OF NATURAL RESOURCES</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 21080</td>
<td>ALL ABOUT THE OCEANS (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 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>
</tr>
<tr>
<td>PHY 21430</td>
<td>FRONTIERS IN ASTRONOMY</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Requirements (courses do not count in major GPA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Concentration Requirements (courses count in major GPA; min C grade required in all courses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFS 23001</td>
<td>BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
<td>3</td>
</tr>
</tbody>
</table>
Social Studies and Science Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 31061</td>
<td>HISTORY OF OHIO</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40003</td>
<td>TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II</td>
<td>3</td>
</tr>
<tr>
<td>POL 10100</td>
<td>AMERICAN POLITICS (DIVD) (KSS)</td>
<td>3</td>
</tr>
</tbody>
</table>

Additional Requirements (courses do not count in major GPA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10001</td>
<td>HUMAN BIOLOGY (KBS)</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum Total Credit Hours: 45

Social Studies and Science Concentration Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</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>ECON 22060</td>
<td>PRINCIPLES OF MICROECONOMICS (KSS)</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>HIST 11051</td>
<td>WORLD HISTORY: MODERN (DIVG) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 31061</td>
<td>HISTORY OF OHIO</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>MCED 40003</td>
<td>TEACHING SOCIAL STUDIES IN 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>
<tr>
<td>POL 10100</td>
<td>AMERICAN POLITICS (DIVD) (KSS)</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 10060 &amp; CHEM 10062</td>
<td>GENERAL CHEMISTRY I (KBS) and GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)</td>
<td>5</td>
</tr>
</tbody>
</table>

Earth Science Electives, choose from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL 11040</td>
<td>HOW THE EARTH WORKS (KBS)</td>
<td>4</td>
</tr>
<tr>
<td>&amp; GEOL 11041</td>
<td>HOW THE EARTH WORKS LABORATORY (KBS)</td>
<td></td>
</tr>
<tr>
<td>GEOL 21080</td>
<td>ALL ABOUT THE OCEANS (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>&amp; GEOL 41073</td>
<td>GEOLOGY OF OHIO</td>
<td></td>
</tr>
<tr>
<td>PHY 21400</td>
<td>PHYSICS IN ENTERTAINMENT AND THE ARTS (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>PHY 21430</td>
<td>FRONTIERS IN ASTRONOMY (KBS)</td>
<td></td>
</tr>
</tbody>
</table>

Additional Requirements (courses do not count in major GPA; min C grade required in all courses)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10120</td>
<td>BIOLOGICAL FOUNDATIONS (KBS) (KLAB)</td>
<td>4</td>
</tr>
<tr>
<td>or BSCI 10110</td>
<td>BIOLOGICAL DIVERSITY (KBS) (KLAB)</td>
<td></td>
</tr>
<tr>
<td>CHEM 10030</td>
<td>CHEMISTRY IN OUR WORLD (KBS)</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum Total Credit Hours: 49

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, and GPA. 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.

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

### Graduation Requirements

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

### 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.

### Semester One

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFS 23001</td>
<td>BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 11050</td>
<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
<td></td>
</tr>
<tr>
<td>or HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM)</td>
<td></td>
</tr>
<tr>
<td>GEG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
<td>3</td>
</tr>
<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
<td>4</td>
</tr>
<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
<td>1</td>
</tr>
</tbody>
</table>

**Kent Core Requirement:** 3

**Kent Core Requirement:** 3

**Credit Hours:** 17

### Semester Two

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10001</td>
<td>HUMAN BIOLOGY (KBS)</td>
<td>3</td>
</tr>
<tr>
<td>COMM 15000</td>
<td>INTRODUCTION TO HUMAN COMMUNICATION (KADL)</td>
<td>3</td>
</tr>
<tr>
<td>! CULT 29553</td>
<td>EDUCATION IN A DEMOCRATIC SOCIETY</td>
<td>3</td>
</tr>
<tr>
<td>MATH 11010</td>
<td>ALGEBRA FOR CALCULUS (KMCR)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 14002</td>
<td>BASIC MATHEMATICAL CONCEPTS II (KMCR)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Credit Hours:** 16

### Semester Three

**Requirement:** minimum 2.750 overall GPA by the end of term

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 31001</td>
<td>FUNDAMENTAL ENGLISH GRAMMAR or LINGUISTICS</td>
<td>3</td>
</tr>
<tr>
<td>or ENG 31003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 11022</td>
<td>TRIGONOMETRY (KMCR)</td>
<td>3</td>
</tr>
<tr>
<td>MCED 20000</td>
<td>LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 11762</td>
<td>GENERAL PSYCHOLOGY (DIVD) (KSS)</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours:** 15

### Semester Four

**Requirement:** minimum 2.750 overall GPA

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 26000</td>
<td>CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or MDJ 20001</td>
<td>MEDIA, POWER AND CULTURE (DIVD) (KSS)</td>
<td></td>
</tr>
<tr>
<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM) or GREAT BOOKS SINCE 1700 (KHUM)</td>
<td>3</td>
</tr>
<tr>
<td>or ENG 22072</td>
<td></td>
<td></td>
</tr>
<tr>
<td>! EPSY 29525</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>MATH 12002</td>
<td>ANALYTIC GEOMETRY AND CALCULUS I (KMCR)</td>
<td>5</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours:** 17

### Semester Five

**Requirement:** minimum 2.750 overall GPA

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 34001</td>
<td>FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 30001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD</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>
</tbody>
</table>

### Semester Six

**Requirement:** minimum 2.750 overall GPA

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 34002</td>
<td>FUNDAMENTAL CONCEPTS OF GEOMETRY</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 40006</td>
<td>READING AND WRITING IN MIDDLE CHILDHOOD (WIC)</td>
<td>6</td>
</tr>
</tbody>
</table>

**Credit Hours:** 18

### Semester Seven

**Requirement:** minimum 2.750 overall GPA

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 10041</td>
<td>INTRODUCTORY STATISTICS (KMCR)</td>
<td>4</td>
</tr>
<tr>
<td>MCED 40005</td>
<td>EFFECTIVE USE OF PHONICS IN READING</td>
<td>3</td>
</tr>
<tr>
<td>SPED 23000</td>
<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
<td>3</td>
</tr>
<tr>
<td>Literature Electives</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours:** 13

### Semester Eight

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 42392</td>
<td>STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)</td>
<td>9</td>
</tr>
<tr>
<td>! MCED 49525</td>
<td>INQUIRY INTO PROFESSIONAL PRACTICE:MIDDLE CHILDHOOD</td>
<td>3</td>
</tr>
</tbody>
</table>

**Credit Hours:** 12

**Minimum Total Credit Hours:** 123
## 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.

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 17063</td>
<td>3</td>
</tr>
<tr>
<td>MATH 14001</td>
<td>4</td>
</tr>
<tr>
<td>PHY 11030</td>
<td>3</td>
</tr>
<tr>
<td>UC 10097</td>
<td>1</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Two</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFS 23001</td>
<td>3</td>
</tr>
<tr>
<td>HIST 11050</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 11040</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 11041</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 11042</td>
<td>1</td>
</tr>
<tr>
<td>MATH 14002</td>
<td>4</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Three</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10120</td>
<td>4</td>
</tr>
<tr>
<td>BSCI 10110</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 10030</td>
<td>3</td>
</tr>
<tr>
<td>COMM 15000</td>
<td>3</td>
</tr>
<tr>
<td>MGED 20000</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Four</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10060</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 10062</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 10062</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 10001</td>
<td>1</td>
</tr>
<tr>
<td>COMM 26000</td>
<td>3</td>
</tr>
<tr>
<td>ENG 22071</td>
<td>3</td>
</tr>
<tr>
<td>ENG 22072</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Five</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! MGED 30001</td>
<td>3</td>
</tr>
<tr>
<td>! MGED 30002</td>
<td>3</td>
</tr>
<tr>
<td>! MGED 31000</td>
<td>3</td>
</tr>
<tr>
<td>! MGED 40006</td>
<td>6</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Six</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! MGED 30002</td>
<td>3</td>
</tr>
<tr>
<td>! MGED 40007</td>
<td>3</td>
</tr>
<tr>
<td>! MGED 41000</td>
<td>3</td>
</tr>
<tr>
<td>Writing Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Seven</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGED 40005</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 11762</td>
<td>3</td>
</tr>
<tr>
<td>SPED 23000</td>
<td>3</td>
</tr>
<tr>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Eight</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! MGED 42392</td>
<td>9</td>
</tr>
<tr>
<td>! MGED 49525</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>12</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
</tr>
<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
</tr>
<tr>
<td>PHY 11030</td>
<td>SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)</td>
</tr>
<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Two</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 18630</td>
<td>HUMAN EVOLUTION (KBS)</td>
</tr>
<tr>
<td>or CHEM 10030</td>
<td>CHEMISTRY IN OUR WORLD (KBS)</td>
</tr>
<tr>
<td>or MATH 11010</td>
<td>ALGEBRA FOR CALCULUS (KMCR)</td>
</tr>
<tr>
<td>or MATH 14002</td>
<td>BASIC MATHEMATICAL CONCEPTS II (KMCR)</td>
</tr>
<tr>
<td><strong>Requirement:</strong> minimum 2.750 overall GPA</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Three</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10120</td>
<td>BIOLOGICAL FOUNDATIONS (KBS) (KLAB)</td>
</tr>
<tr>
<td>or BSCI 10110</td>
<td>or BIOLOGICAL DIVERSITY (KBS) (KLAB)</td>
</tr>
<tr>
<td>MATH 10041</td>
<td>INTRODUCTORY STATISTICS (KMCR)</td>
</tr>
<tr>
<td>MATH 11022</td>
<td>TRIGONOMETRY (KMCR)</td>
</tr>
<tr>
<td>MCED 20000</td>
<td>LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Four</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10060</td>
<td>GENERAL CHEMISTRY I (KBS) or GENERAL COLLEGE PHYSICS I (KBS)</td>
</tr>
<tr>
<td>or PHY 13001</td>
<td>or GENERAL COLLEGE PHYSICS II (KBS)</td>
</tr>
<tr>
<td>CHEM 10062</td>
<td>GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)</td>
</tr>
<tr>
<td>or PHY 13021</td>
<td>or GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)</td>
</tr>
<tr>
<td>GEOL 11040</td>
<td>HOW THE EARTH WORKS (KBS) or AND LIFE THROUGH TIME (KBS)</td>
</tr>
<tr>
<td>or GEOL 11042</td>
<td>or</td>
</tr>
<tr>
<td>GEOL 11041</td>
<td>HOW THE EARTH WORKS LABORATORY (KBS) (KLAB)</td>
</tr>
<tr>
<td>or GEOL 11043</td>
<td>or AND LIFE THROUGH TIME LABORATORY I (KBS) (KLAB)</td>
</tr>
<tr>
<td>! EPSY 29525</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
</tr>
<tr>
<td>! MATH 12002</td>
<td>ANALYTIC GEOMETRY AND CALCULUS I (KMCR)</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Five</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 34001</td>
<td>FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
</tr>
<tr>
<td>! MCED 30001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I</td>
</tr>
<tr>
<td><strong>Requirement:</strong> minimum 2.750 overall GPA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Six</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFS 23001</td>
<td>BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
</tr>
<tr>
<td>or HIST 11050</td>
<td>or WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
</tr>
<tr>
<td>or HIST 12070</td>
<td>or EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KSUM)</td>
</tr>
<tr>
<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM)</td>
</tr>
<tr>
<td>or ENG 22072</td>
<td>or GREAT BOOKS SINCE 1700 (KHUM)</td>
</tr>
<tr>
<td>MATH 34002</td>
<td>FUNDAMENTAL CONCEPTS OF GEOMETRY</td>
</tr>
<tr>
<td>MCED 40005</td>
<td>EFFECTIVE USE OF PHONICS IN READING</td>
</tr>
<tr>
<td>SPED 23000</td>
<td>INTRODUCTION TO EXCEPTIONALITIES (DIVD)</td>
</tr>
<tr>
<td><strong>Science Elective</strong></td>
<td>3-4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Seven</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AFS 23001</td>
<td>BLACK EXPERIENCE I: BEGINNINGS TO 1865 (DIVG) (KHUM)</td>
</tr>
<tr>
<td>or HIST 11050</td>
<td>or WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
</tr>
<tr>
<td>or HIST 12070</td>
<td>or EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KSUM)</td>
</tr>
<tr>
<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM)</td>
</tr>
<tr>
<td>or ENG 22072</td>
<td>or GREAT BOOKS SINCE 1700 (KHUM)</td>
</tr>
<tr>
<td>MATH 34002</td>
<td>FUNDAMENTAL CONCEPTS OF GEOMETRY</td>
</tr>
<tr>
<td>MCED 42392</td>
<td>STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)</td>
</tr>
<tr>
<td>! MCED 49525</td>
<td>INQUIRY INTO PROFESSIONAL PRACTICE/MIDDLE CHILDHOOD</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>Minimum Total Credit Hours:</strong></td>
<td>130</td>
</tr>
</tbody>
</table>

# 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>Semester One</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS)</td>
</tr>
<tr>
<td>HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KSUM)</td>
</tr>
<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR)</td>
</tr>
<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Semester</td>
<td>Courses</td>
</tr>
<tr>
<td>----------</td>
<td>---------</td>
</tr>
<tr>
<td><strong>Semester Two</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kent Core Requirement</td>
</tr>
<tr>
<td></td>
<td>CULT 29535 EDUCATION IN A DEMOCRATIC SOCIETY</td>
</tr>
<tr>
<td></td>
<td>MATH 11010 ALGEBRA FOR CALCULUS (KMCR)</td>
</tr>
<tr>
<td></td>
<td>MATH 14002 BASIC MATHEMATICAL CONCEPTS II (KMCR)</td>
</tr>
<tr>
<td></td>
<td>POL 10100 AMERICAN POLITICS (DIVD) (KSS)</td>
</tr>
<tr>
<td></td>
<td>PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS)</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
<tr>
<td><strong>Semester Three</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirement: minimum 2.750 overall GPA by the end of term</td>
</tr>
<tr>
<td></td>
<td>HIST 11050 WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM)</td>
</tr>
<tr>
<td></td>
<td>MATH 10041 INTRODUCTORY STATISTICS (KMCR)</td>
</tr>
<tr>
<td></td>
<td>MATH 11022 TRIGONOMETRY (KMCR)</td>
</tr>
<tr>
<td></td>
<td>MCED 20000 LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION</td>
</tr>
<tr>
<td></td>
<td>Kent Core Requirement</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>16</td>
</tr>
<tr>
<td><strong>Semester Four</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirement: minimum 2.750 overall GPA</td>
</tr>
<tr>
<td></td>
<td>BSCI 10001 HUMAN BIOLOGY (KBS)</td>
</tr>
<tr>
<td></td>
<td>ENG 22071 or 22072 GREAT BOOKS TO 1700 (KHUM) or GREAT BOOKS SINCE 1700 (KHUM)</td>
</tr>
<tr>
<td></td>
<td>EPSY 29525 EDUCATIONAL PSYCHOLOGY</td>
</tr>
<tr>
<td></td>
<td>HIST 11051 WORLD HISTORY: MODERN (DIVG) (KHUM)</td>
</tr>
<tr>
<td></td>
<td>MATH 12002 ANALYTIC GEOMETRY AND CALCULUS I (KMCR)</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>16</td>
</tr>
<tr>
<td><strong>Semester Five</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirement: minimum 2.750 overall GPA</td>
</tr>
<tr>
<td></td>
<td>MATH 34001 FUNDAMENTAL CONCEPTS OF ALGEBRA</td>
</tr>
<tr>
<td></td>
<td>! MCED 30001 TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I</td>
</tr>
<tr>
<td></td>
<td>! MCED 30002 INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD</td>
</tr>
<tr>
<td></td>
<td>! MCED 31000 TEACHING AND LEARNING IN MIDDLE CHILDHOOD</td>
</tr>
<tr>
<td></td>
<td>! MCED 40006 READING AND WRITING IN MIDDLE CHILDHOOD (WIC)</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
<tr>
<td><strong>Semester Six</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirement: minimum 2.750 overall GPA. Note: apply for student teaching</td>
</tr>
<tr>
<td></td>
<td>MATH 34002 FUNDAMENTAL CONCEPTS OF GEOMETRY</td>
</tr>
<tr>
<td></td>
<td>! MCED 40001 TEACHING MATHEMATICS IN MIDDLE CHILDHOOD II</td>
</tr>
<tr>
<td></td>
<td>! MCED 40003 TEACHING SOCIAL STUDIES IN MIDDLE CHILDHOOD II</td>
</tr>
<tr>
<td></td>
<td>! MCED 40007 TEACHING READING WITH LITERATURE IN MIDDLE CHILDHOOD</td>
</tr>
<tr>
<td></td>
<td>! MCED 41000 CURRICULUM AND ORGANIZATION IN MIDDLE CHILDHOOD</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>18</td>
</tr>
<tr>
<td><strong>Semester Seven</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirement: minimum 2.750 overall GPA</td>
</tr>
<tr>
<td></td>
<td>ECON 22060 PRINCIPLES OF MICROECONOMICS (KSS)</td>
</tr>
<tr>
<td></td>
<td>HIST 31061 HISTORY OF OHIO</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>Semester Eight</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirement: minimum C grade in all professional courses and minimum 2.750 overall GPA</td>
</tr>
<tr>
<td></td>
<td>MCED 42392 STUDENT TEACHING IN MIDDLE CHILDHOOD (ELR)</td>
</tr>
<tr>
<td></td>
<td>! MCED 49525 INQUIRY INTO PROFESSIONAL PRACTICE: MIDDLE CHILDHOOD</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>12</td>
</tr>
<tr>
<td><strong>Minimum Total Credit Hours:</strong></td>
<td>126</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Semester One</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 17063</td>
<td>WORLD GEOGRAPHY (DIVG) (KSS) 3</td>
</tr>
<tr>
<td>HIST 12070</td>
<td>EARLY AMERICA: FROM PRE-COLONIZATION TO CIVIL WAR AND RECONSTRUCTION (DIVD) (KHUM) 3</td>
</tr>
<tr>
<td>! MATH 14001</td>
<td>BASIC MATHEMATICAL CONCEPTS I (KMCR) 4</td>
</tr>
<tr>
<td>UC 10097</td>
<td>DESTINATION KENT STATE: FIRST YEAR EXPERIENCE 1</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Two</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10001</td>
<td>HUMAN BIOLOGY (KBS) 3</td>
</tr>
<tr>
<td>COMM 15000</td>
<td>INTRODUCTION TO HUMAN COMMUNICATION (KADL) 3</td>
</tr>
<tr>
<td>! CULT 29535</td>
<td>EDUCATION IN A DEMOCRATIC SOCIETY 3</td>
</tr>
<tr>
<td>! MATH 14002</td>
<td>BASIC MATHEMATICAL CONCEPTS II (KMCR) 4</td>
</tr>
<tr>
<td>PSYC 11762</td>
<td>GENERAL PSYCHOLOGY (DIVD) (KSS) 3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Three</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 11050</td>
<td>WORLD HISTORY: ANCIENT AND MEDIEVAL (DIVG) (KHUM) 3</td>
</tr>
<tr>
<td>MCED 20000</td>
<td>LEARNING AND EXPERIENCE IN MIDDLE CHILDHOOD EDUCATION 3</td>
</tr>
<tr>
<td>POL 10100</td>
<td>AMERICAN POLITICS (DIVD) (KSS) 3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3-4</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Four</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 26000</td>
<td>CRITICISM OF PUBLIC DISCOURSE (DIVD) (KHUM) 3</td>
</tr>
<tr>
<td>or MDJ 20001</td>
<td>MEDIA, POWER AND CULTURE (DIVD) (KSS) 3</td>
</tr>
<tr>
<td>ENG 22071</td>
<td>GREAT BOOKS TO 1700 (KHUM) 3</td>
</tr>
<tr>
<td>or ENG 22072</td>
<td>GREAT BOOKS SINCE 1700 (KHUM) 3</td>
</tr>
<tr>
<td>ENG 31001</td>
<td>FUNDAMENTAL ENGLISH GRAMMAR 3</td>
</tr>
<tr>
<td>! EPSY 29525</td>
<td>EDUCATIONAL PSYCHOLOGY 3</td>
</tr>
<tr>
<td>HIST 11051</td>
<td>WORLD HISTORY: MODERN (DIVG) (KHUM) 3</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Five</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! MCED 30001</td>
<td>TEACHING MATHEMATICS IN MIDDLE CHILDHOOD I 3</td>
</tr>
<tr>
<td>! MCED 30002</td>
<td>INTEGRATED SOCIAL STUDIES AND SCIENCE IN MIDDLE CHILDHOOD 3</td>
</tr>
<tr>
<td>! MCED 31000</td>
<td>TEACHING AND LEARNING IN MIDDLE CHILDHOOD 3</td>
</tr>
<tr>
<td>! MCED 40006</td>
<td>READING AND WRITING IN MIDDLE CHILDHOOD (WIC) 6</td>
</tr>
<tr>
<td><strong>Credit Hours</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Six</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirement: minimum 2.750 overall GPA</td>
<td></td>
</tr>
</tbody>
</table>
## 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.

### Semester One

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 17063</td>
<td>3</td>
</tr>
<tr>
<td>! MATH 14001</td>
<td>4</td>
</tr>
<tr>
<td>PHY 11030</td>
<td>3</td>
</tr>
<tr>
<td>UC 10097</td>
<td>1</td>
</tr>
</tbody>
</table>

Kent Core Requirement: 3

Credit Hours: 17

### Semester Two

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10120</td>
<td>4</td>
</tr>
<tr>
<td>or BSCI 10110</td>
<td></td>
</tr>
<tr>
<td>! CULT 29535</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 11040</td>
<td>3</td>
</tr>
<tr>
<td>or GEOL 11042</td>
<td></td>
</tr>
<tr>
<td>GEOL 11041</td>
<td>1</td>
</tr>
<tr>
<td>or GEOL 11043</td>
<td></td>
</tr>
<tr>
<td>! MATH 14002</td>
<td>4</td>
</tr>
<tr>
<td>PSYC 11762</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit Hours: 17

### Semester Three

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10030</td>
<td>3</td>
</tr>
<tr>
<td>HIST 11050</td>
<td>3</td>
</tr>
<tr>
<td>MCED 20000</td>
<td>3</td>
</tr>
<tr>
<td>POL 10100</td>
<td>3</td>
</tr>
</tbody>
</table>

Kent Core Requirement: 3

Credit Hours: 18

### Semester Four

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 10060</td>
<td>4</td>
</tr>
<tr>
<td>or PHY 13001</td>
<td></td>
</tr>
<tr>
<td>CHEM 10062</td>
<td>1</td>
</tr>
<tr>
<td>or PHY 13021</td>
<td></td>
</tr>
<tr>
<td>ECON 22060</td>
<td>3</td>
</tr>
<tr>
<td>ENG 22071</td>
<td>3</td>
</tr>
<tr>
<td>or ENG 22072</td>
<td></td>
</tr>
<tr>
<td>! EPSY 29525</td>
<td>3</td>
</tr>
<tr>
<td>HIST 11051</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit Hours: 17

### Semester Five

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>! MCED 30001</td>
<td>3</td>
</tr>
</tbody>
</table>

### Semester Six

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 18630</td>
<td>3</td>
</tr>
<tr>
<td>or BSCI 10002</td>
<td></td>
</tr>
<tr>
<td>! MCED 40002</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 40003</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 40007</td>
<td>3</td>
</tr>
<tr>
<td>! MCED 41000</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit Hours: 15

### Semester Seven

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 12070</td>
<td>3</td>
</tr>
<tr>
<td>HIST 31061</td>
<td>3</td>
</tr>
<tr>
<td>MCED 40005</td>
<td>3</td>
</tr>
<tr>
<td>SPED 23000</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Science Elective: 3-4

Credit Hours: 15

### Semester Eight

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCED 42392</td>
<td>9</td>
</tr>
<tr>
<td>! MCED 49525</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit Hours: 12

Minimum Total Credit Hours: 124