

## SUGGESTED THREE-YEAR GRADUATION PLAN



**Special Education – Mild/Moderate Math and Reading–  
Bachelor of Science in Education**  
[EH-BSE-SPED-MMMR]  
College of Education, Health and Human Services  
School of Lifespan Development and Educational Sciences  
Catalog Year: 2013-2014

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

| Course Subject and Title  | Credit Hours | Upper Div. | Min. Grade | Major GPA | Important Notes   |
|---|--------------|------------|------------|-----------|---|
| <b>Post-Secondary Coursework or Credit By Examination Upon Entry as a Freshman: [34-35 Credit Hours]</b>  |              |            |            |           |   |
| <b>CULT 29535 Education in a Democratic Society</b>   | <b>3</b>     |            | <b>C</b>   | ■         |   |
| <b>MATH 14001 Basic Mathematics Concepts I</b>  | <b>4</b>     |            | <b>C</b>   |           | <b>Fulfills Kent Core Mathematics and Critical Reasoning</b>                              |
| MATH 11010 Algebra for Calculus   | 3            |            |            |           | Fulfills Kent Core Mathematics and Critical Reasoning                                     |
| Kent Core Composition   | 6            |            |            |           | See Kent Core summary on page 2   |
| Kent Core Humanities and Fine Arts  | 9            |            |            |           |   |
| Kent Core Basic Science   | 6-7          |            |            |           |   |
| Kent Core Social Sciences   | 6            |            |            |           | See list of Kent Core courses that can be earned through AP, CLEP, or CBE exams on page 4 |
| <b>Semester One: [16 Credit Hours]</b>  |              |            |            |           |   |
| <b>Note: successful completion of Praxis I in Reading (174 score), Writing (172 score) and Mathematics (174 score); minimum 2.750 cumulative GPA by end of term and minimum 3.000 major GPA</b> |              |            |            |           |   |
| <b>EPSY 29525 Educational Psychology</b>  | <b>3</b>     |            | <b>C</b>   | ■         |   |
| <b>MATH 14002 Basic Mathematics Concepts II</b>   | <b>4</b>     |            | <b>C</b>   |           | <b>Fulfills Kent Core Additional</b>  |
| <b>SPED 23000 Introduction to Exceptionalities</b>  | <b>3</b>     |            | <b>C</b>   | ■         | <b>Fulfills domestic diversity requirement</b>  |
| MATH 11022 Trigonometry   | 3            |            |            |           | Fulfills Kent Core Additional   |
| US 10097 Destination Kent State: First Year Experience  | 1            |            |            |           | Not required of transfer students with 25 credits   |
| General Elective  | 2            |            |            |           |   |
| <b>Semester Two: [17 Credit Hours]</b>  |              |            |            |           |   |
| <b>Requirement: 2.750 cumulative GPA; minimum 3.000 major GPA; Note: apply online for Advanced Study by the second Friday of the term</b>   |              |            |            |           |   |
| <b>ITEC 19525 Educational Technology</b>  | <b>3</b>     |            | <b>C</b>   | ■         |   |
| <b>SPED 43050 Characteristics of Students with Mild/Moderate Intervention Needs</b>   | <b>3</b>     | ■          | <b>C</b>   | ■         |   |
| MATH 12002 Analytic Geometry and Calculus I   | 5            |            |            |           | Fulfills Kent Core Mathematics and Critical Reasoning                                     |
| SPA 34104 Speech and Language Development   | 3            | ■          | C          | ■         |   |
| Kent Core Requirement   | 3            |            |            |           | See Kent Core Summary on page 2   |
| <b>Summer I</b>   |              |            |            |           |   |
| It is suggested that students take any Kent Core courses missing from semesters 1-4 during in the summer.   |              |            |            |           |   |
| <b>Semester Three: [18 Credit Hours]</b>  |              |            |            |           |   |
| <b>Requirement: minimum 2.750 cumulative GPA and minimum 3.000 major GPA</b>  |              |            |            |           |   |
| <b>CI 47501 Teaching Mathematics in Early and Middle Grades</b>   | <b>3</b>     | ■          | <b>C</b>   | ■         |   |
| <b>CI 47503 Teaching Social Studies in Early and Middle Grades</b>  | <b>3</b>     | ■          | <b>C</b>   | ■         |   |
| CI 47504 Teaching Reading and Writing in Middle Grades  | 3            | ■          | C          | ■         |   |
| ECED 40105 Appropriate Phonics Instruction for Kindergarten and Primary Children  | 3            | ■          | C          | ■         |   |
| ECED 40126 Developmental Reading and Writing: Early Years   | 3            | ■          | C          | ■         | Fulfills writing-intensive requirement  |
| SPED 43010 Family and Professional Collaboration  | 3            | ■          | C          | ■         |   |

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**Critical requirements are boldface in shaded areas**

| Course Subject and Title   | Credit Hours | Upper Div. | Min. Grade | Major GPA | Important Notes                            |
|--|--------------|------------|------------|-----------|--|
| <b>Semester Four: [18 Credit Hours]</b>  |              |            |            |           |  |
| <b>Requirement: apply for student teaching with minimum 2.750 cumulative GPA and prerequisite coursework completed or in progress; minimum 3.000 major GPA</b> |              |            |            |           |  |
| <b>SPED 43030 Applied Behavior Analysis I: Theory and Techniques</b>   | <b>3</b>     | ■          | <b>C</b>   | ■         |  |
| <b>SPED 43060 Curriculum Methods in Special Education</b>  | <b>3</b>     | ■          | <b>C</b>   | ■         |  |
| CI 47502 Science Teaching in Early and Middle Grades   | 3            | ■          | C          | ■         |  |
| MCED 40007 Teaching Reading with Literature in Middle Childhood  | 3            | ■          | C          | ■         |  |
| SPED 43020 Assessment in Special Education   | 3            | ■          | C          | ■         |  |
| SPED 43992 Field Experience in Special Education   | 3            | ■          | S          | ■         | Fulfills experiential learning requirement |
| <b>Semester Five: [18 Credit Hours]</b>  |              |            |            |           |  |
| <b>Requirement: minimum 2.750 cumulative GPA and minimum 3.000 major GPA</b>   |              |            |            |           |  |
| HED 42575 Health and Learning: Strategies for Students and Teachers  | 3            | ■          | C          | ■         |  |
| SPED 43031 Applied Behavior Analysis II: Application   | 3            | ■          | C          | ■         |  |
| SPED 43040 Language and Reading in Special Education   | 3            | ■          | C          | ■         |  |
| SPED 43062 Curriculum Methods Mild/Moderate Intervention   | 3            | ■          | C          | ■         |  |
| SPED 43070 Planning and Programming for Transitions  | 3            | ■          | C          | ■         |  |
| SPED 44092 Field Experience for Mild/Moderate Intervention Specialist  | 3            | ■          | S          | ■         | Fulfills experiential learning requirement |
| <b>Semester Six: [12 Credit Hours]</b>   |              |            |            |           |  |
| <b>Requirement: minimum 2.750 cumulative GPA and minimum 3.000 major GPA</b>   |              |            |            |           |  |
| SPED 43981 Student Teaching in Special Education   | 9            | ■          | S          | ■         | Fulfills Experiential Learning Requirement |
| SPED 49525 Inquiry Seminar into Professional Practice  | 3            | ■          | C          | ■         |  |

### Graduation Requirements Summary

| Minimum Total Hours | Minimum Upper-Division Hours | Minimum Kent Core Hours | Global / Domestic Diversity Course | Writing-Intensive | Experiential Learning | Minimum Major GPA | Minimum Overall GPA |
|---------------------|------------------------------|-------------------------|------------------------------------|-------------------|-----------------------|-------------------|---------------------|
| 133                 | 39                           | 36                      | Kent Core / SPED 23000             | ECED 40126        | SPED 43981            | 3.000             | 2.750               |

### Kent Core Summary

| Kent Core Categories   | Important Notes   | Remaining Credit Hours |
|--|---|------------------------|
| <b>Composition (6-8 credit hours)</b><br><i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>   | Enrollment based on placement test; must be earned with minimum C grade           | 6-8                    |
| <b>Mathematics and Critical Reasoning (3-5 credit hours)</b>   | Fulfilled in this major with MATH 14001 or MATH 11010 or MATH 11022 or MATH 12002 | 0                      |
| <b>Humanities and Fine Arts (9 credit hours)</b><br><i>Minimum one course from humanities in Arts and Sciences and minimum one course from fine arts</i> | May fulfill global diversity requirement  | 9                      |
| <b>Social Sciences (6 credit hours)</b><br><i>Must be selected from two curricular areas</i>   | May fulfill global diversity requirement  | 6                      |
| <b>Basic Sciences (6-7 credit hours)</b><br><i>Must include one laboratory</i>   |   | 6-7                    |
| <b>Additional (6 credit hours)</b>   | Fulfilled in this major with MATH 11022 and MATH 14002                            | 0                      |

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#### Special Major Notes:

For teacher licensure, students must pass Praxis II “Principles of Learning and Teaching” (passing score 168 for grades K-6; or passing score 165 for grades 7-12) and Praxis II specialty test “Education of Deaf and Hard-of-Hearing Students” (passing score 158). In addition, Praxis II “Introduction to the Teaching of Reading” (passing score 540) is necessary to meet “highly qualified teacher” (HQT) licensure. Students can pick up licensure packet in 304 White Hall for instructions on applying for teaching license.

Students who pass 15 credits of non-remedial academic coursework each fall and spring semester and the 1-credit First Year Experience course will accumulate 121 credits in four years. This major requires 133 credits for graduation. Students can stay on track for graduation by:

- Declaring their major as freshmen and completing all courses in sequence (bear in mind that switching majors may cause a delay in graduation);
- Prioritizing required courses above electives;
- Meeting regularly with their academic advisors to stay on track;
- Passing each required course the first time attempted and maintaining the minimal GPA for the major;
- Successfully completing more than 15 credit hours of relevant coursework (field-based work, internship) during academic semesters; and/or
- Completing relevant coursework (field-based work, internship) during summer sessions.

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#### Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit [www.kent.edu/catalog/kent-core](http://www.kent.edu/catalog/kent-core) for course list.

#### Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit [www.kent.edu/catalog/diversity](http://www.kent.edu/catalog/diversity) for course list.

#### Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade. Visit [www.kent.edu/catalog/wic](http://www.kent.edu/catalog/wic) for course list.

#### Experiential Learning Requirement

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit [www.kent.edu/catalog/elr](http://www.kent.edu/catalog/elr) for course list.

#### Upper-Division Requirement

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.



## Kent Core Courses That Can Be Earned Through Exams

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

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

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

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