# Bachelor of Arts in Secondary Education Mathematics (BASEM) D22M

## Catalog Term: Fall 2017

**Total Credit Hours:** 124

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<tr>
<th>FALL</th>
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<tr>
<td><strong>FRESHMAN</strong></td>
<td><strong>SPRING</strong></td>
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| ENGL 101 (3)  
College English I  
P: See Course Catalog | ENGL 102 (3)  
College English II  
P: ENGL 101 with C- or better |
| MATH 112 (5)  
Pre-Calculus I  
P: See Course Catalog | COMM 111 (3)  
Public Speaking |
| PSY 111 (3)  
General Psychology | MATH 242 (5)  
Calculus I  
P: See Course Catalog |
| Social/Behavioral Science Intro (3)  
See notes | Fine Arts Intro (3)  
See notes |
| Elective (2) | Elective (2) |
| 16 hrs | 16 hrs |

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<td><strong>SOPHOMORE</strong></td>
<td><strong>SPRING</strong></td>
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| MATH 243 (5)  
Calculus II  
P: MATH 242 with C or better | ENGL 315 (3)  
LING 315 (3)  
ANTH 352 (3)  
Intro English Linguistics or Anthropological Linguistic |
| MATH 321 (3)  
Discrete Structures I  
P: MATH 242 with C or better | MATH 415 (3)  
Intro to Advanced Mathematics  
P: MATH 344 with C or better |
| Mathematics & Natural Sciences Intro (4)  
See notes | Humanities Intro (3)  
See notes |
| CI 270 (3)  
Intro to the Education Profession | Elective (1) |
| 15 hrs | 16 hrs |

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<td><strong>JUNIOR</strong></td>
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| Core I (8)  
Foundations of Education** | Core II (9)  
Methods and Field Experiences |
| STAT 460 (3)  
Elementary Probability and Mathematical Statistics  
P: MATH 243 with C or better | MATH 511 (3)  
Linear Algebra  
P: MATH 243 with C or better |
| MATH 621 (3)  
Elementary Geometry  
P: MATH 344 with C or better | MATH 615 (3)  
Elementary Number Theory  
P: MATH 344 with C or better |
| Elective (1) | Elective (3) |
| 15 hrs | 18 hrs |

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<td><strong>SENIOR</strong></td>
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| Core III (7)  
Methods and Field Experiences II | Core IV (12)  
Student Internship |
| STAT 531 (3)  
Intro to the History of Mathematics  
P: See Course Catalog | Math Application Course (3)*  
P: See Course Catalog |
| Math Application Course (3)*  
P: See Course Catalog | Math Application Course (3)*  
P: See Course Catalog |
| 16 hrs | 12 hrs |

**Notes:** Fine Arts Intro, Humanities Intro, Social/Behavioral Sciences Intro, Mathematics & Natural Sciences Intro, Further Study and Issues & Perspectives courses must be from an approved list which appears in the Schedule of Courses. Choose one for Mathematics & Natural Sciences Intro: PHYS 195/196, PHYS 313, CHEM 211 or PHYS 213.

P: Prerequisite

**See advisor for Teacher Education Application**

Last Updated: 03/2017