**Planned Program of Study for Undergraduate Mathematics Education – Fall Admit**

**Code: BMA**

**Education Professional Core**

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| **PREFIX** | **NUM** | **HRS.** | **TITLE** | **PLANNED**  **TRM/YR** | **TERM TAKEN** | **GRADE** |
| EDF | 3604 | 3 | Schools and Society | 1st Fall |  |  |
| EDF | 3214 | 3 | Human Development and Learning | 1st Spring |  |  |
| EDF | 4430 | 3 | Measurement for Teachers | 2nd Fall |  |  |
| EEX | 4070 | 2 | Integrating Exceptional Students | Summer |  |  |
| TSL | 4324 | 3 | ESOL Competencies and Strategies | Summer |  |  |
| RED | 4333 | 3 | Content Area Reading | Any Semester |  |  |
| ESE | 4322 | 3 | Classroom Management (corequisite for MAE 4945) | 2nd Fall |  |  |

**Teaching Specialization Courses**

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| **PREFIX** | **NUM** | **HRS.** | **TITLE** | **PLANNED**  **TRM/YR** | **TERM TAKEN** | **GRADE** |
| MAC | 2313 | 4 | Calculus III (recommended: take course prior to admission; MAC 2283 also acceptable) \* | Fall or Spring |  |  |
| MAD | 3107 | 3 | Discrete Mathematics | 1st Spring |  |  |
| MGF | 3301 | 3 | Bridge to Abstract Math (prereq: MAC 2313) | 1st Fall |  |  |
| MAS | 3105 | 3 | Linear Algebra (coreq: MAC 2313 & MGF 3301) | 1st Spring |  |  |
| MAS | 4214 | 3 | Elementary Number Theory | 2nd Fall |  |  |
| MTG | 3212 | 3 | Geometry | 1st Fall |  |  |
| MHF | 4403 | 3 | Early History of Mathematics | 2nd Fall |  |  |
| STA | 2023 | 3 | Introduction to Statistics (recommended: take course prior to admission) \* | Fall, Spring, or Summer |  |  |

**Teaching Methods Courses and Internships**

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| **PREFIX** | **NUM** | **HRS.** | **TITLE** | **PLANNED**  **TRM/YR** | **TERM TAKEN** | **GRADE** |
| MAE | 4320 | 3 | Middle School Methods | 1st Fall |  |  |
| MAE | 4330 | 3 | Senior High School Methods | 1st Spring |  |  |
| MAE | 4652 | 3 | Technology for Teaching Math | 1st Spring |  |  |
| MAE | 4945 | 3 | Practicum (co-requisite: ESE 4322) | 2nd Fall |  |  |
| MAE | 4936 | 3 | Senior Seminar \* | 2nd Spring |  |  |
| MAE | 4940 | 9 | Final Internship | 2nd Spring |  |  |

Credit Hours: 72 (69 already completed Calc III)

**ADVISING NOTES:**

1. All courses must be completed with a C- grade or higher.
2. You must earn at least a 2.5 GPA for both your Professional Core and Specialization courses.
3. Fingerprinting must be completed PRIOR to taking courses in the first semester.
4. All courses except for MAE 4936 (Senior Seminar) must be completed prior to Internship.
5. The General Knowledge Test must be taken, passed, and scores available prior to internship. Additionally, the Mathematics 6-12 Subject Area Exam and FTCE Professional Education Test must be completed ***PRIOR*** to completion of your internship. Failure to meet this requirement may result in a delay to your graduation.

Revised 10/28/2019