**Mathematics, Middle Grades Mathematics Education Track (6-9) 2018-2019**

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| **Freshman Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | UNV 1000  | Freshman Seminar  | 1 |  | ENG 1060 | Composition II | 3 |
|  | ENG 1050 | Composition I | 3 |  | ENG 2XXX | General Education Literature | 3 |
|  | MAT 1070  | College Algebra  | 3 |  | General Education  | Social Science\*\* | 3 |
|  | General Education  | Fine Art | 3 |  | General Education  | Natural Science | 3 |
|  | General Education  | Social Science | 3 |  | General Education  | Physical Education | 1 |
|  | General Education  | Natural Science | 3 |  | MAT 1080 | Plane Trigonometry  | 3 |
| **Total Credits**  | 16 |  | **Total Credits**  | 16 |

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| **Sophomore Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | EDN 2100\*\*  | Intro to Education | 3 |  | EDN 3140 | Aspects of Human Development and Educational Psy (6-12) | 3 |
|  | MAT 2150 | Calculus with Apps | 4 |  | SED 3310 | Introduction to Exceptional Children | 3 |
|  | MAT 2100  | Statistics | 3 |  | EDN 3400 | Philosophy and Curriculum of Middle Grade  | 3 |
|  | General Education  | History | 3 |  | MAT 2300 (WE) | Introduction to Advanced Math | 3 |
|  | General Education  | Social Science | 3 |  | MAT 2500 | Introduction to teaching Mathematics in Middle Grades and Secondary Schools | 2 |
|  |  |  |  |  | MAT 2110 | Survey of Geometry  | 3 |
| **Total Credits** | 16 |  | **Total Credits** | 17 |

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| **Junior Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | \*EDN 3130 | Content Area Literacy | 3 |  | MAT 3600 (WD) | Connections in Mathematics II | 1 |
|  | MAT 3750 | Methods for Teaching Algebra  | 3 |  | MAT 4020 (WD) | A Historical Development of Mathematics  | 2 |
|  | MAT 3150 | Linear Algebra  | 3 |  | MAT 3330 | Discrete Mathematics  | 3 |
|  | MAT 2600 (WE) | Connections in Mathematics I | 1 |  | SOC 2090 | Social Problems | 3 |
|  | MAT 3500 | Teaching Mathematics with Technology  | 2 |  | University Wide Elective |  | 3 |
|  | General Education | Elective | 3 |  | University Wide Elective |  | 3 |
|  |  |  |  |  | General Education  | Physical Education | 1 |
| **Total Credits** | 15 | **Total Credits** | 16 |

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| **Senior Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | MAT 4000 | Methods of Teaching Mathematics in Middle Grades and Secondary Schools  | 3 |  | MAT 4490 | Internship in Mathematics in Secondary School | 9 |
|  | CSC 4050 | Current Topics in Computers in Education  | 3 |  | MAT 4750 | Professional Seminar in Secondary Mathematics | 3 |
|  | MAT 3280 | Probability and Statistics  | 3 |  |  |  |  |
|  | MAT 4600 (WE) | Connections in Mathematics IIII | 1 |  |  |  |  |
|  | University Wide Elective |  | 3 |  |  |  |  |
| **Total Credits** | 13 | **Total Credits** | 12 |