**Mathematics 2019-2020**

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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 |  | General Education | Natural Science  | 3 |
|  | MAT 1090 *fulfills General Education* | Precalculus *Math – 3 hrs.* | 4 |  | MAT 2210*General Education* | Calculus I*Elective-3 hrs.*  | 4 |
|  | General Education  | Fine Art | 3 |  | General Education  | Social Science | 3 |
|  | General Education  | Social Science | 3 |  | University Wide Elective |  | 3 |
|  | General Education | Natural Science  | 3 |  |  |  |  |
| **Total Credits**  | 17 |  | **Total Credits**  | 16 |

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| **Sophomore Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | MAT 2220  | Calculus II | 4 |  | MAT 3310 | Calculus III | 4 |
|  | General Education  | Social Science  | 3 |  | MAT 2300  | Introduction to Advanced Mathematics | 3 |
|  | General Education  | Philosophy/Religion | 3 |  | General Education  | Physical Education | 1 |
|  | General Education  | History | 3 |  | General Education | Literature | 3 |
|  | General Education  | Elective  | 3 |  | University Wide Elective |  | 3 |
| **Total Credits** | 16 |  | **Total Credits** | 14 |

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| **Junior Year** |
| Fall | Spring |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | Advanced Mathematics Course  |  | 3 |  | Advanced Mathematics Course  |  | 3 |
|  | MAT 2600 | Connections in Mathematics I | 1 |  | MAT 3600 | Connections in Mathematics II | 1 |
|  | MAT 3150 | Linear Algebra | 3 |  | University Wide Elective |  | 3 |
|  | University Wide Elective |  | 3 |  | University Wide Elective |  | 3 |
|  | University Wide Elective |  | 3 |  | University Wide Elective |  | 3 |
|  | University Wide Elective |  | 3 |  | University Wide Elective  |  | 3 |
| **Total Credits** | 16 | **Total Credits** | 16 |

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| **Senior Year** |
| **Fall** | **Spring** |
|  | Course Number | Course Title | Credits |  | Course Number | Course Title | Credits |
|  | MAT 3250 | Algebra I | 3 |  | University Wide Electives  |  | 3 |
|  | MAT 4310 | Real Analysis | 3 |  | University Wide Electives  |  | 3 |
|  | MAT 4600 | Connections in Mathematics III | 1 |  | Advanced Mathematics Course |  | 3 |
|  | University Wide Elective |  | 3 |  | Advanced Mathematics Course  |  | 3 |
|  | University Wide Electives |  | 2 |  |  |  |  |
|  | General Education  | Physical Education | 1 |  |  |  |  |
| **Total Credits** | 13 | **Total Credits** | 12 |