**Mathematics 2019-2020**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |