## Name:

$\qquad$
Student ID: $\qquad$
Date Admitted Into Major: $\qquad$

## BACHELOR OF SCIENCE MATHEMATICS



Free Electives/Minor (48 credits minimum)
May be necessary to take additional credits to attain the minimum 120 credits required for graduation depending on choices made for general education or minor selection.

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Note: A course may count as both a major core course and as part of a sequence.

- Students may choose to use support courses to satisfy general education categories, but may not be required to do so. Note: If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does not reduce the credit total required for graduation.

Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year

* Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.
\# These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline.
$\pm \quad$ Level II and Level III Written Communications Courses may be used to satisfy requirements anywhere else in a student's program of study where they may apply. The credits are counted only in one area.
- COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS
- GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS


## GENERAL EDUCATION REQUIREMENTS

Competencies
$\square$ - Basic College Math
$\square$ - Reading Comprehension
\&General Education Categories - 34 -35 credits

| *FYS | First Year Seminar |  |  | 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| -W-I | Written Communication - Level I |  |  | 3 |  |
| -OC | Oral Communication |  |  | 3 |  |
| PGR | Personal Growth \& Responsibility |  |  | 3 |  |
| CEA | Creative Expression \& Appreciation |  |  | 3 |  |
| WC | World Cultures |  |  | 3 |  |
| HP | The Human Past |  |  | 3 |  |
| CS | Contemporary Society |  |  | 3 |  |
| SR | Scientific Reasoning: | \# Any SR course |  | 3-4 |  |
|  |  | \# SR Lab course |  | 4 |  |
| QR | Quantitative Reasoning |  |  | 3 |  |

$\ddagger$ Written Communication (Level II and Level III)

| W-II | Written Communication - Level II |  |  | $\square$ |
| :--- | :--- | :--- | :--- | :--- |
| W-III | Written Communication - Level III |  |  | $\square$ |


| Required Support Courses for the Teacher Education Minor ( 6 credits) |  |  |  |
| :---: | :---: | :---: | :---: |
| PSY | 252 | Adolescent Psychology | 3 |
| HST | 204 | U.S. History and Constitutional Gov't I | 3 |

Minor (Teacher Education):*
Required ( 30 Credits; courses with asterisk carry graduate and undergraduate credit)

| EDC | 115 | Exploring Education | 3 |  |
| :---: | :---: | :--- | :---: | :---: |
| EDC | 404 | Intro to Teaching and Assessment | 3 |  |
| EDC | 405 | Culturally Responsive Teaching | 3 |  |
| EDC | 415 | Teaching Exceptional Learners | 3 |  |
| EDC | 416 | Assessment Methods | 3 |  |
| *EDC | 774 | Methods of Teaching Mathematics I | 3 |  |
| *EDC | 760 | Adolescent Literacy in the Disciplines | 3 |  |
| *EDC | 762 | Technology Methods | 1.5 |  |
| *EDS | 775 | Methods of Teaching Mathematics II | 3 |  |
| ${ }^{*}$ EDS | 860 | Sheltering Content for ELLs | 3 |  |
| ${ }^{*}$ EDS | 763 | Classroom Mgmt and Community Bldg | 1.5 |  |



Mathematical Sequence Elective (3 credits total) One of the following:

| MAT | 403 | Abstract Algebra II | 3 |  |
| :--- | :--- | :--- | :--- | :--- |
| MAT | 409 | Complex Variables | 3 |  |
| MAT | 412 | Topology | 3 |  |
| MAT | 414 | Linear Algebra II | 3 |  |
| MAT | 417 | Probability and Statistics II | 3 |  |


$5^{\text {th }}$ Year Courses (M.Ed.): (18 credits)

| EDC | 884 PS | Practicum Seminar Tchg Math | 3 |  |
| :---: | :---: | :--- | :---: | :---: |
| EDC | 884 P | Stu Tchg Pract. Math (8-12) |  |  |
|  | OR |  | 3 |  |
| EDC | 885 P | Stu Tchg Pract. Math (5--8) |  |  |
| EDC | 804 | School-Based Internship | 3 |  |
| EDC | 805 | Professional Lives of Teachers | 3 |  |
|  |  | Elective | 3 |  |
|  |  | Elective | 3 |  |

$\checkmark$ Students may choose to use support courses to satisfy general education categories, but may not be required to do so. Note: If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does not reduce the credit total required for graduation.

Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year * Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.
\# These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline
$\ddagger \quad$ Level II and Level III Written Communications Courses may be used to satisfy requirements anywhere else in a student's program of study where they may apply. The credits are counted only in one area.

* Students accepting into the combined undergraduate/graduate program who choose not to continue in the combined program must complete an educational studies minor in lieu of the teacher education minor.
- COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS
- GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

