## ABOUT THE MATHEMATICS BS DEGREE:

The BS program in Mathematics includes core courses along with higher level courses in several areas that allow you to explore the fascinating world of mathematics. Many companies in industry and the service sector are interested in graduates who have a degree in Mathematics. While some students complete a Bachelor's Degree and from there, get a job, others continue on to graduate school.

## STEP 1:

## Major Requirements:

| Course | Semester | Credits | Grade |
| :---: | :---: | :---: | :---: |
| MTH 141* |  | 4 |  |
| MTH 142* |  | 4 |  |
| MTH 215 |  | 3 |  |
| MTH 243* |  | 3 |  |
| MTH 307 |  | 3 |  |
| MTH 316 |  | 3 |  |
| MTH 435 |  | 4 |  |
| MTH 436 |  | 4 |  |
| MTH 462 |  | 3 |  |
| MTH |  | 3 |  |
| MTH |  | 3 |  |
| MTH |  | 3 |  |
| MTH |  | 3 |  |

MTH 101, 103, 104, 105, 106, 107, 108, 109, 110 , $111,208,209,362$, and 420 may not be used toward this degree.

Free elective credits
(to meet the $\mathbf{1 2 0}$ credits required for graduation):

*Course approved for general education credit

Mathematics-BS
General Option
120 Credits Total
43 Credits in Major

GENERAL EDUCATION GUIDELINES: General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (note- HPR courses may have more than 12 credits). General education courses may also be used to meet requirements of the major or minor when appropriate.

STEP 2:


STEP 3:

| General Education Outcome Audit |  |
| :--- | :--- |
| Course |  |
| KNOWLEDGE |  |
| A1. STEM |  |
| A2. Social \& Behavioral Sciences |  |
| A3. Humanities |  |
| A4. Arts \& Design |  |
| COMPETENCIES |  |
| B1. Write effectively |  |
| B2. Communicate effectively |  |
| B3. Mathematical, statistical, or <br> computational strategies |  |
| B4. Information literacy |  |
| RESPONSIBILITIES |  |
|  <br> responsibilities | C2. Global responsibilities |
| C3. Diversity and Inclusion |  |
| INTEGRATE \& APPLY |  |
| D1. Ability to synthesize |  |
| GRAND CHALLENGE |  |
| G. Check that at least one course of <br> your 40 credits is an approved "G" <br> course |  |

SEE OPPOSITE SIDE FOR PROGRAM REOUIREMENTS.

NOTE: This worksheet sheet is a snapshot of your entire curriculum. You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the University Catalog.

