## Degree Requirements

COLLEGE OF SCIENCES
Bachelor of Science in Mathematics

| General Education Requirements |  |  |  |
| :---: | :---: | :---: | :---: |
| Course Name/ \# | Credit Hours | Course Name/\# | Credit Hours |
| English |  | Humanities |  |
| ENGL 1157 | 3 | Foreign Language Sequence ${ }^{8}$ | 6 |
| ENGL 1158 or 1159 ${ }^{1}$ | 3 | Literature | 3 |
| Mathematics ${ }^{2}$ |  | Social Sciences |  |
| Calculus Sequence MATH 2114, $2124^{2,7}$ | 8 | Social Sciences elective ${ }^{3}$ | 6 |
| Science |  | Arts |  |
| BIOS | 3 | Arts elective ${ }^{4}$ | 3 |
| Physics 1061 and 1062 | 6 |  |  |
|  |  | Total | 39 |

Other Requirements

| Course Name/ \# | Credit Hours | Course Name/\# | Credit Hours |
| :--- | :---: | :--- | :---: |
| Computer Science 1205 or (1581 <br> and 1583) | $3-4$ | Science Electives $^{5}$ | $11-12$ |
| Physics 1063, 1065 | 2 | General Electives | 25 |
|  | Total | $\mathbf{4 4}^{6}$ |  |


| Course Requirements for Major |  |  |  |
| :--- | :---: | :--- | :---: |
| Course Name/ \# | Credit Hours | Course Name/\# | Credit Hours |
| Mathematics 2134 | 4 | Mathematics 4511 | 3 |
| Mathematics 2221 or 2314 | 3 | Mathematics 3000+ | 6 |
| Mathematics 3511 | 3 | Mathematics 4000+ | 9 |
| Mathematics 3512 | 3 | Mathematics 3900 | 0 |
| Mathematics 4101 | 3 | Mathematics 3721 | 3 |
|  |  | Total | $\mathbf{3 7}$ |

[^0]
## Degree Requirements

COLLEGE OF SCIENCES
Bachelor of Science in Mathematics

Total Credit Hours Required

Additional Requirement
Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)


[^0]:    1 "C" or better required
    ${ }^{2} 6$ credits of Math satisfy the general education requirements
    ${ }^{3}$ Check General Education Courses to confirm courses fulfilling this requirement.
    ${ }^{4}$ FTA (theatre/dance/film related course), FA or MUS
    ${ }^{5}$ At least 6 of these credits must not be mathematics courses in the College of Sciences. 6 credits can be engineering courses. 1 less credit is required if the student took CSCI 1581 and CSCI 1583 (rather than CSCI 1205.) The College of Sciences maintains a list of approved science electives. Note that many low level classes are not permitted.
    ${ }^{6}$ Includes 2 credits of Math listed in general education requirements section
    ${ }^{7}$ Students not adequately prepared to enter a calculus sequence must take appropriate pre-calculus courses without credit toward graduation. The mathematics department determines placement for mathematics classes.
    ${ }^{8}$ Foreign language must include a six hour sequence in one language. French, German, or Russian is recommended for students planning graduate studies.
    ${ }^{9}$ Students interested in graduate studies in mathematics are strongly advised to take Math 4102.

