

## Bachelor of Science in Mathematics

*A Suggested Sequence of Required Courses (2007-2008 Catalog)*

### F r e s h m a n Y e a r

| Fall  | Spring  |
|---|---|
| _____ 0 Chapel (CHA 1088)                             | _____ 0 Chapel (CHA 1088)                             |
| _____ 3 ENG 1302 or FAS 1302                          | _____ 3 REL 1310                                      |
| _____ 4 Lab Science (see below)                       | _____ 4 Lab Science (see below)                       |
| _____ 3-4 Foreign Lang. 1401/1412 (see below/reverse) | _____ 3-4 Foreign Lang. 1402/1412 (see below/reverse) |
| _____ 3 <b>MTH 1321</b> (if eligible)                 | _____ 3 Elective* (Variable depending on hours)       |
|   | _____ 3 <b>MTH 1322</b>                               |
| <b>Total: 13-14</b>                                   | <b>Total: 16-17</b>                                   |

### S o p h o m o r e Y e a r

| Fall   | Spring   |
|--|--|
| _____ 3 ENG 2301                               | _____ 3 ENG 2304/2306 or GTX                   |
| _____ 3 REL 1350                               | _____ 3 History/Social Science (see reverse)   |
| _____ 3 Foreign Lang. 2310 (see below/reverse) | _____ 3 Foreign Lang. 2320 (see below/reverse) |
| _____ 4 CSI 1430                               | _____ 1 Human Performance                      |
| _____ 3 <b>MTH 2321</b>                        | _____ 3 <b>MTH 3325</b>                        |
|  | _____ 3 <b>MTH 2311</b>                        |
| <b>Total: 16</b>                               | <b>Total: 16</b>                               |

### J u n i o r Y e a r

| Fall   | Spring   |
|--|--|
| _____ 3 ENG 3300 (see below)                     | _____ 3 <b>MTH 3323</b>                          |
| _____ 3 History/Social Science (see reverse)     | _____ 3 <b>MTH Advanced Elective or STA 4386</b> |
| _____ 3 PSC 2302                                 | _____ 3 Elective* (Variable depending on hours)  |
| _____ 1 Human Performance                        | _____ 3 Elective* (Variable depending on hours)  |
| _____ 3 <b>MTH 3312</b>                          | _____ 3 Elective* (Variable depending on hours)  |
| _____ 3 <b>STA 4385 or MTH Advanced Elective</b> |  |
| <b>Total: 16</b>                                 | <b>Total: 15</b>                                 |

### S e n i o r Y e a r

| Fall  | Spring   |
|---|--|
| _____ 3 <b>MTH 4316</b>                         | _____ 3 <b>MTH 4314</b>                              |
| _____ 3 <b>MTH 4326</b>                         | _____ 3 <b>MTH 4327 or STA/MTH Advanced Elective</b> |
| _____ 1 Human Performance                       | _____ 1 Human Performance                            |
| _____ 3 Elective* (Variable depending on hours) | _____ 3 Elective* (Variable depending on hours)      |
| _____ 3 Elective* (Variable depending on hours) | _____ 3 Elective* (Variable depending on hours)      |
| _____ 3 Elective* (Variable depending on hours) | _____ 3 Elective* (Variable depending on hours)      |
| <b>Total: 16</b>                                | <b>Total: 16</b>                                     |

*All students must graduate with a minimum of 124 hours,  
36 of which must be at the 3000/4000 level.*

#### **Notes about major requirements:**

- Foreign language must be fulfilled with a modern language - see reverse, Option A only. German, French, or Russian are recommended for those who plan to attend graduate school because many graduate schools require proficiency in one of these languages.
- Lab science (8 hours): One course and lab from: BIO 1305-1105, BIO 1306-1106, CHE 1301-1316, CHE 1302-1316, GEO 1406. One course and lab from: GEO 1401, GEO 1402, GEO 1403, GEO 1405, GEO 1408, NSC 1306-1106, PHY 1420, PHY 1430.
- It is recommended that students take ENG 3300 their junior year rather than ENG 1304. Students may also take ENG 1118, 1128, and 1138 instead of ENG 1304.
- A grade of "C" or better must be earned in all 39 hours of math.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see page 97 of the undergraduate catalog.

\*Because of the number of electives, there is enough room for a minor or double major.

**Please see reverse side for important information on general requirements.**

**Notes about General Requirements:**

- Course selection is subject to availability within each semester.
- Please keep in mind that this is only a suggested sequence. Actual sequence will vary according to possible second major, minor, other program of study (including pre-health) and individual circumstances (ex., transfer credit, dual credit, and credit by exam).
- In order to complete your degree, you must fulfill all requirements in your major and general requirements for the Bachelor of Science.
- To complete a double major, you may not count any courses toward both majors.
- For more specific information on general requirements, see undergraduate catalog pages 62-65.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.

**History/Social Science (choose 2 courses from the following areas - 6 hours):**

- Anthropology, Economics, History, Honors, Philosophy, Political Science, Psychology, Sociology, Geog 1300, FAS 1303, 1304 or 1305, or 3 courses from FAS 1115, 1125, 1135.
- Check your major to determine if special courses are needed.

**Foreign Language:**

- **Option A:** One modern language through 2320 level:  
Arabic, Chinese, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Swahili, Thai
- **Option B:** One classical language through 2320 level or two classical through 1302 level:  
Latin, Greek, Hebrew (If available, Akkadian, Aramaic, Syriac, and/or Ugaritic may be used)  
\*Chemistry majors must take a modern foreign language; German or Russian are strongly recommended.

**Math & Science:** You must complete a minimum of 34 hours of math and science courses. See page 65 of the undergraduate catalog for a more detailed explanation.

**Fine Arts:** None required for this degree.