

**MATHEMATICS MAJOR [B.S.] CHECK-LIST
2014-15 CATALOG**

| MAJOR REQUIREMENTS | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------|------------------|
| 19 courses: 64-70 credits | | | |
| MATH 241 _____ 6 | MATH 255 _____ 4 | MATH 471 _____ 2 | |
| MATH 242 _____ 4 | MATH 310 _____ 4 | MATH 472 _____ 2 | |
| | | <i>or</i> | |
| MATH 246 _____ 2 | MATH 316 _____ 4 | MATH 480 _____ 2 | short term _____ |
| | | <i>or</i> | |
| STAT 251 _____ 4 | | MATH 490 _____ 2 | _____ 2 |
| MATH/STAT 350 | Four allied courses at the 200 level or above (or CHEM 105/105L or CMPS 160): | | |
| At least one special topic in algebra | Two from at least two of the following: BIOL, CHEM, CMPS, PHYS or four from BIOL, CHEM, PHYS | | |
| At least one special topic in analysis | | | |
| Two additional special topics courses | | | |
| _____ 2 | _____ 2 | _____ 4 | _____ 2 |
| _____ 2 | _____ 2 | _____ 4 | _____ 2 |
| _____ 2 | _____ 2 | _____ 4 | _____ 2 |
| _____ 2 | _____ 2 | _____ 4 | _____ 2 |
| GENERAL EDUCATION REQUIREMENTS | | | |
| <u>SKILLS COMPONENTS</u> | | | |
| Expository Writing _____ | Addl Writing _____ | Oral Communication _____ | |
| Basic QR _____ | Applied QR _____ | Applied Research _____ | |
| <u>PERSPECTIVES</u> <i>Must represent at least seven different disciplines. Two perspectives may count toward major requirements.</i> | | | |
| Aesthetic Analysis _____ 4 | Scientific Inquiry _____ 4-6 | | |
| Creative Expression _____ 4 | Social and Cultural Diversity _____ 4 | | |
| Premodern Worlds _____ 4 | Global Systems _____ 4 | | |
| Modern and/or Contemporary Worlds _____ 4 | Language Requirement _____ 0-8 | | |
| <u>PHYSICAL EDUCATION</u> <i>PHED courses must be taken in separate semesters.</i> | | | |
| 1 _____ | 2 _____ | | |
| Total credits for graduation = 140 semester credits AND 4 short terms. Short term credits are not included in semester credit total. | | | |
| <u>CREDITS EARNED</u> | | | |
| Year 1 _____ | Year 2 _____ | Year 3 _____ | Year 4 _____ |
| <u>SHORT TERMS COMPLETED</u> | | | |
| Year 1 _____ | Year 2 _____ | Year 3 _____ | Year 4 _____ |

Required credits outside the department of major = 80 semester credits.

Student's Name _____

Advisor _____