# MATHEMATICS (B.S.) MAJOR CHECK-LIST
# 2013-14 CATALOG

## MAJOR REQUIREMENTS

19 courses (64-70 credits)

MATH 241 _____ 6

MATH 242 _____ 4

MATH 246 _____ 2

MATH 255 _____ 4

MATH 310 _____ 4

MATH 316 _____ 4

MATH 471 _____ 2

STAT 251 _____ 4

Six MATH/STAT 350 Special Topics courses (12 credits):
(at least one in algebra and one in analysis)

MATH/STAT 350 _____ 2 (algebra) MATH/STAT 350 _____ 2

MATH/STAT 350 _____ 2 (analysis) MATH/STAT 350 _____ 2

MATH/STAT 350 _____ 2 MATH/STAT 350 _____ 2

MATH 472 _____ 2 **-or-** MATH 480 _____ 2, Short Term

**-or-** MATH 490 _____ 2, 2

A student is exempted from MATH 241 and 242 if she can demonstrate to the department's satisfaction her knowledge of the course(s).

Four allied courses at the 200-level or above (or CHEM 105/105L or CMPS 160):
(two from at least two of the following: BIOL, CHEM, CMPS, PHYS
**-or-** four from BIOL, CHEM, PHYS)

_____ 4/6 _____ 4/6 _____ 4/6 _____ 4/6

## GENERAL EDUCATION REQUIREMENTS

### SKILLS COMPONENTS

Expository Writing _____ Addl Writing _____

Basic QR _____ Applied QR _____

Oral Communication _____

Applied Research _____

### SHORT TERMS

1) _____ 2) _____ 3) _____ 4) _____

### PHYSICAL EDUCATION

1) _____ 2) _____

### PERSPECTIVES

Aesthetic Analysis _____ 4

Creative Expression _____ 4

Premodern Worlds _____ 4

Modern and/or Contemporary Worlds _____ 4

Scientific Inquiry _____ 4-6

Social and Cultural Diversity _____ 4

Global Systems _____ 4

Language Requirement _____ 0-8

## FREE ELECTIVE COURSES
(credits required may vary depending on major(s) or Gen Ed courses completed)

_____4 _____4 _____4 _____4 _____4 _____4 _____4 _____4

_____4 _____4 _____4 _____4 _____4 _____4 _____4 _____4

Total credits for graduation = 140 semester credits plus 4 short terms (16 short term credits)

Student's Name _____ Advisor _____