

**MATHEMATICS (B.S.) MAJOR CHECK-LIST  
2012-13 CATALOG**

**MAJOR REQUIREMENTS**

19 courses (64-70 credits)

MATH 241 _____ 6	Six MATH/STAT 350 Special Topics courses (12 credits): (at least one in algebra and one in analysis)		
MATH 242 _____ 4		MATH/STAT 350 _____ 2 (algebra)	MATH/STAT 350 _____ 2
MATH 246 _____ 2		MATH/STAT 350 _____ 2 (analysis)	MATH/STAT 350 _____ 2
MATH 255 _____ 4		MATH/STAT 350 _____ 2	MATH/STAT 350 _____ 2
MATH 310 _____ 4			
MATH 316 _____ 4		MATH 472 _____ 2	<b>-or-</b> MATH 480 _____ 2, Short Term
MATH 471 _____ 2			<b>-or-</b> MATH 490 _____ 2, 2
STAT 251 _____ 4	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		PERSPECTIVES	
Expository Writing _____	Addl Writing _____	Aesthetic Analysis _____	4
Basic QR _____	Applied QR _____	Creative Expression _____	4
Oral Communication _____		Premodern Worlds _____	4
Info Technology _____	Appl Research _____	Modern and/or Contemporary Worlds _____	4
<b>SHORT TERMS</b>		Scientific Inquiry _____	4-6
1) _____ 2) _____ 3) _____ 4) _____		Social and Cultural Diversity _____	4
<b>PHYSICAL EDUCATION</b>		Global Systems _____	4
1) _____ 2) _____		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 \_\_\_\_\_