

## B.S. IN MATHEMATICAL SCIENCES

2005-06

### General Education Requirements

NAME \_\_\_\_\_

Writing	Credits	Grade
ENGL 101 Writing & Rhetoric I (C grade or better required)		
ENGL 200 Writing & Rhetoric II (C grade or better required; must complete 24 credits before enrolling)		

Writing Intensive: 2 WI courses required, at least one must be in the major. See Approved List A .		
MATH 490 Mathematical Expositions (also fulfills a major requirement)		

Math & Statistics:		
MATH 151 Pre-calculus (MATH 141 or Placement)		

Ethical Principles: Select a course from Approved List C.		

Natural Sciences: Complete one of the following sequences of courses with lab: BIOL 151-152 OR PHYS 207-208 OR PHYS 201-202 OR CHEM 101-102 .		

Complete another course with lab in the natural sciences from Approved List D. This course must be in the biological sciences if the above sequence was in PHYS or CHEM OR must be in the physical sciences if the BIOL sequence was selected.		

Complete one other course in the natural sciences OR complete a minor or second major offered outside the Department of Mathematical Sciences. Students in the Extended Teacher Preparation program are considered to have a second major outside the Department of Mathematical Sciences.		

Visual & Performing Arts: Take 2-3 credits from Approved List E.	Credits	Grade

Literature: Take a literature course from Approved List F.		

Civilization: Take 1 course from each area listed (9 credits total) but no more than 6 credits in any one discipline OR take two 4-credit interdisciplinary courses (8 credits total) that combine elements of each area.		
Historical and Cultural Origins: 1 course from Approved List G.		
American (U.S.) Studies: 1 course from Approved List H.		
Global Studies: 1 course from Approved List I.		

Foreign Language: Must demonstrate competency through 102 level by course or placement test.		
101 level		
102 level		

Human Behavior: Take 2 courses in different disciplines from Approved List J.		

Urban Environment: Take 1 course from Approved List K.		

 Has VCCS Associate Degree \_\_\_\_\_

