

## DEPARTMENT OF MATHEMATICS

### Degree Program: Bachelor of Arts in Education (Secondary Mathematics)

Catalog: 2010-2011 (Revised April 13, 2010)

#### Required Courses (70 credits)

This major must be accompanied by the professional preparation program in secondary education and leads to an endorsement in secondary mathematics. A cumulative GPA of at least 2.50, plus a minimum grade of C (2.0) or above in each individual course must be maintained in the courses required for the major. Half of the required mathematics coursework must be completed to be eligible for admission to the Woodring College of Education. See the *Secondary Education* section of the catalog for program admission, completion, and teacher certification requirements.

<u>Course Number</u>	<u>Prerequisite</u>
MATH 124 or 134	Suitable score on the Advanced Math Placement test or at least a C- in MATH115 or 118
MATH 125 or 135	MATH 124 or 134
Note: MATH 138 can substitute for the 124/134 and 125/135 set	

MATH 204	MATH 125 or 135 or 138; 224 recommended
MATH 207	Basic computer literacy (CS 101 or equivalent); MATH 125 or 135 or 138; 204
MATH 209	MATH 124 or 134 or 138
MATH 224	MATH 125 or 135 or 138
MATH 226	MATH 125 or 135 or 138
MATH 302	MATH 125 or 135 or 138
MATH 331	MATH 204; 224 recommended or concurrent
MATH 341	MATH 125 or 135 or 138
MATH 360	MATH 125 or 135 or 138; 204; one of 209, 302
MATH 419	12 credits of upper division Mathematics
MATH 483	At least two upper division Mathematics courses; admission to Woodring
NOTE: The pair MATH 203, 303 may be substituted for the pair MATH 204, 331.	

#### **At least four of the following courses:**

MATH 304	MATH 204, 224
MATH 312	MATH 226, one of 209, 302
MATH 401	MATH 204, one of 209, 302
MATH 402	MATH 401
MATH 410	MATH 204, 224, 331(See note above)
MATH 441	MATH 224, 204, 312
M/CS 375	MATH 204, one of CSCI 140, 141, MATH 207 or by advisement from secondary mathematics educators.