

1999-2000

Bachelor of Science
Non-Teaching B.S.

Checksheet for Mathematical
Sciences Major

Course requirements for the Bachelor of Science degrees in mathematical sciences (non-teaching) are as follows (with program subject to the approval of the advisory committee). An acceptable program of at least 65 semester hours but no more than 80, with a minimum of 34 hours in the Department of Mathematical Sciences (at least 5 s.h. from the 4000 level). The two degree programs are:

B.S. Statistics - 289A

1. Mathematics 1110(ND)____; 1120(ND)____; 2130(ND)____; 2240(C)____
2. Statistics 3820(ND,C)____; 4250____; 4830(W,ND,C)____; 4860____; 4870(W,S)____.
Select one from either 3830(ND,C)____; **OR** 3840(W)____; and one from either 4820(W)____ **OR** 4865____.
Plus 6 hours of approved electives** in Mathematical Sciences and 6 hours of related* coursework.
3. A "concentration" of at least 18 semester hours from disciplines outside mathematical sciences.**
Note: A 2.0 average must be maintained in the major. (This includes all courses in 1, 2 & 3.)

B.S. Mathematics - 260*

1. Mathematics 1110(ND) ____; 1120(ND) ____; 2130(ND) ____; 2240(C)____
2. Completion of one of the options:
 - a. General - 260*; 260B - MAT 3110(W) ____; MAT 3220(W)____ plus 13 hours of electives** in mathematical sciences (at least 5 hours at 4000 level) plus 10 hours of related* coursework. **OR**
 - b. Applied - 260*; 260C - MAT 3130____; MAT 3310(W,S,ND,C)____; MAT 4310(ND,C)____; CS 1440(C)____; CS 2440(C)____; one of STT 4250____ or STT 3850(C,ND)____.
(at least 5 hours at the 4000 level in math sciences)
Plus 6 hours of approved electives** in Mathematical Sciences and 6 hours of related* coursework.
3. A "concentration" of at least 18 semester hours from disciplines outside mathematical sciences.**
Note: A 2.0 average must be maintained in the major. (This includes all courses in 1, 2 & 3.)

* Related coursework may be outside mathematical sciences and must be approved by advisory committee.

**Must be approved by advisory committee.

Free electives to total a minimum of 122 s.h.
(2s.h. of free electives must be outside the major discipline.)

<u>Major Designators</u>	
2 Writing(W)	____
1 Speaking(S)	____
Communication Proficiency	__
<u>Other Designators</u>	
4 Writing(W)	_____
(ENG 1000/1100 will count as 2 W)	
4 Multi Cultural(MC)	_____
(HIS 1101/1102 will count as 2 MC)	
1 Cross Disciplinary(CD)	__
2 Numerical Data(ND)	____
2 Computer(C)	____