M.A. Mathematics (30 S.H. required to complete the degree)

Name:_____ Phone:_____ Date:_____

Address:_____ E-mail:_____

Undergraduate Mathematics Major: _____ **Department Permission:** _____

Requirements – 30 S.H. (21 S.H. required credits as indicated- 5 courses required of all students plus 2 of the 2nd semester classes in Algebra, Analysis, Numerical Analysis or Statistics. The remaining 9 credits can be selected from those listed in agreement with the student's faculty advisor and graduate coordinator.) Students exhibiting exceptional ability may choose the thesis option to complete their degree.

REQUIRED COURSES (15 S.H.)		
MAT 512 Modern Algebra I	3	
MAT 514 Real Analysis I	3	
MAT 507 Applied Statistics I	3	
MAT 518 Complex Analysis I	3	
MAT 526 Numerical Analysis I	3	
PLUS TWO OF THE FOLLOWING: (6 S.H.)		
MAT 513 Modern Algebra II	3	
MAT 515 Real Analysis II	3	
MAT 508 Applied Statistics II	3	
MAT 527 Numerical Analysis II	3	

ELECTIVES (9 S.H.)		
MAT 505 Logic	3	
MAT 508 Applied Statistics II	3	
MAT 513 Modern Algebra II	3	
MAT 515 Real Analysis II	3	
MAT 522 Topics in Advanced Geometry	3	
MAT 528 Number Theory	3	
MAT 529 Historical Development of Mathematics	3	
MAT 540 Topics in Mathematics (May be taken more than once)	3	
MAT 598 Faculty Developed Study	3	
MAT 599 Student Developed Study	3	
MAD 511 Topics in Elementary School Mathematics Education	3	
MAD 512 Topics in Middle School Mathematics Education	3	
MAD 513 Topics in Secondary School Mathematics Education	3	

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STATE UNIVERSITY

A MAXIMUM OF 6 S.H. May be taken at the 400 level with approval of Coordinator		
MAT 4	3	
MAT 4	3	

CHOOSE ONE:		
Comprehensive Exam* **or**		
Thesis: Topic	3	

*All students are required to take the comprehensive exam. This consists of 2-one hour exams in Algebra, Analysis, Numerical Analysis or Statistics, with at least one being Algebra or Analysis; plus 2-half hour exams in courses of student's choice. Only exceptional students (GPA>3.75) may request the thesis option. Thesis option requires exam in one of the areas – Algebra, Analysis, Numerical Analysis or Statistics, and it must be in an area different from the thesis.

TRANSFER CREDITS		
WCSU Course: Course/School:		
WCSU Course: Course/School:		
WCSU Course: Course/School:		

NOTES:

Admission requirements have been explained to me and I understand my obligations to read the graduate catalog and follow the Thesis or Comprehensive Exam Guidelines and other program requirements.

_____ _____
Student Signature   *Date*

_____ _____
Coordinator Signature   *Date*