

GENERAL STUDIES COURSE REQUIREMENTS for students in the:

Baccalaureate Certification Program in Secondary Education
or the
M.A.Ed. Program in Curriculum & Instruction (Secondary Education)

Student: _____ Program Advisor _____

Subject Area Requirements for Specific Secondary School Teaching Endorsements

Mathematics

To teach mathematics in secondary schools, students must satisfy the requirements listed below. Students who are accepted into the M.A.Ed. program with deficiencies must satisfy these requirements before they are eligible to apply for licensure. Students must also pass PRAXIS I and II.

	<u>Semester Taken</u>	<u># of Credits</u>
A major in Mathematics that includes a minimum of 38 semester hours. Course work must include:		
1. Calculus I (Math 111)	_____	_____
2. Calculus II (Math 112)	_____	_____
3. Linear Algebra (Math 211)	_____	_____
4. Introduction to Multivariable Calculus (Math 212)	_____	_____
5. Foundations of Mathematics (Math 214)	_____	_____
6. Ordinary Differential Equations (Math 302)	_____	_____
7. Abstract Algebra (Math 307)	_____	_____
8. Applied Statistics (Math 351)	_____	_____
9. Operations Research I – Deterministic Models (Math 323)	_____	_____
10. Introduction to Number Theory (Math 412)	_____	_____
11. Topics in Geometry (Math 416)	_____	_____
12. Seminar (Math 490)	_____	_____