Athens State University	College of Arts & Sciences with a minor in Licensure and Certification	2011-12	B.S. Mathematics Licensure/Certification 27.0101

PLEASE BE AWARE THAT PROGRAM REQUIREMENTS ARE SUBJECT TO CHANGE, AND ARE DEPENDENT ON YOUR ACTUAL DATE OF ENROLLMENT.

PLEASE READ NOTES ON BOTTOM OF THIS FORM

Date of evaluation

Evaluated by

	Course	Semester hours	Grade	Point Value	Total quality points
GENERAL STUDIES CURRICULUM CORE					
I. Written Compostion - 6 hours required				0	0
				0	0
Extra course if needed				0	0
II. Humanities & Fine Arts - 12 hours required					
The Arts- 3 sem. hrs.				0	0
Speech (SPH 106 or SPH 107) - 3 sem. hrs.				0	0
Humanities Elective - 3 sem. hrs				0	0
Literature** - 3 or 6 sem. hrs.				0	0
2nd literature (counts as humanity)				0	0
III. Mathematics & Natural Sciences - 11 semester hours					
Precalculus Algebra - 3 sem. hrs.				0	0
Natural Science lab based (calculus based physics I & II recommended)- 8 sem. hrs.				0	0
				0	0
IV. History/Behavioral and Social Sciences - 12 semester hours					
History** - 3 or 6 sem. hrs				0	0
2nd history (counts for history/behavioral/social elective)				0	0
General Psychology - 3 sem. hrs.				0	0
History/Behavioral or Social Science Elective - 3 or 6 sem. hrs.				0	0
2nd elective (if no history sequence)				0	0
***Must complete a 6 semester hour sequence in either Area II Literature or Area IV History.*					
TOTAL GENERAL STUDIES CURRICULUM - 41 SEMESTER HOURS	Total hrs. 0				
V. Major Prerequisite courses					
CIS 146 Microcomputer Applications or CIS 301 Prob. Solving w Comp. - 3 sem. hrs.				0	0
Precalculus Trigonometry - 3 sem. hrs.				0	0
Calculus I, II, and III - 12 sem. hrs.				0	0
				0	0
				0	0
General Electives - 1 to 5 sem. hrs.				0	0
				0	0
				0	0
Total major prerequisite hours - 19 to 23 semester hours	Total hrs. 0				
TOTAL CORE AND MAJOR PREREQUISITE HOURS - 60-64 SEMESTER HOURS	Total hrs. 0				
PROFESSIONAL COURSES:					
MA 308 Discrete Mathematics - 3 sem. hrs.				0	0
Linear Algebra (preferably MA 310 Matrices and Linear Algebra) - 3 sem. Hrs				0	0
MA 314 College Geometry*** - 3 sem. hrs.				0	0
MA 320 Introduction to Abstract Algebra - 3 sem. hrs.				0	0
MA 330 Advanced Mathematical Software - 3 sem. hrs.				0	0
MA 331 Applied Probability and Statistics - 3 sem. hrs.				0	0
MA 470 Senior Mathematics Seminar - 3 sem. hrs.				0	0
Computer Prog Language (preferably * CS 317 Comp Science I) - 3 sem. hrs.				0	0
Plus THREE (3) Mathematics Electives from the following					
MA 316 Vector Analysis				0	0
MA 401 Complex Analysis				0	0
MA 321 Differential Equations				0	0
MA 423 Numerical Analysis				0	0
MA 428 Partial Differential Equations.				0	0
MA 431 Introduction to Mathematical Statistics				0	0
MA 445 Mathematical Modeling and Simulation				0	0
MA 450 Advanced Calculus I				0	0
MA 451 Advanced Calculus II				0	0
MA 452 Real Analysis				0	0
MA 480 Special Topics in Mathematics					
TOTAL PROFESSIONAL COURSES - 33 SEMESTER HOURS	Total hrs. 0			Total pts.	0
	Professional Studies GPA				**#DIV/0!**
MINOR COURSES FOR CERTIFICATION:					
ED 301 Foundations of Education I - 3 sem. hrs.				0	0
ED 302 Foundations of Education II - 3 sem. hrs.				0	0
ED 305 Technology & Media in Education - 3 sem. hrs.				0	0
*SC 331 Classroom Management in Secondary Education - 3 sem. hrs.				0	0
*SC 333 Teaching Reading/Writing in the Content Areas - 3 sem. hrs.				0	0
*SC 362 Assessment and Evaluation in Secondary Education - 3 sem. hrs.				0	0
PS 334 Adolescent Psychology - 3 sem. hrs.				0	0
SE 301 Introduction to Exceptional Learners - 3 sem. hrs.				0	0
*MA 454 M/M of Teaching Mathematics in Middle/High School - 3 sem. hrs.				0	0
*SC 486 Internship in High School Education - 9-12 sem. hrs.				0	0
** Require admittance into the Teacher Education Program*					
TOTAL MINOR REQUIRED FOR LICENSURE/CERTIFICATION - 36 SEMESTER HOURS	Total hrs. 0			Total pts.	0
	Teaching Field Studies GPA				**#DIV/0!**
TOTAL HOURS FOR GRADUATION - 129-133 SEMESTER HOURS	Total hrs. 0				

Substitutions: Enter in this format: Substitute course ID and title for ASU course ID

Advising Notes:

- MINIMUM HOURS FOR GRADUATION: 124 SEMESTER HOURS. A MINIMUM OF 33 SEMESTER HOURS MUST BE COMPLETED WITH ATHENS STATE UNIVERSITY.
- THE APTT MUST BE TAKEN AND PASSED BEFORE APPLYING FOR TEP;
- THE PRAXIS II MUST BE TAKEN AND PASSED BEFORE APPLYING FOR INTERNSHIP
- MUST INCLUDE A MINIMUM OF 60 SEMESTER HOURS OF UPPER LEVEL COLLEGE/UNIVERSITY CREDIT (300/400 LEVEL CREDIT).
- No more than 64 hours of junior college credit may be applied toward the baccalaureate degree

Advising Notes _____