

B.S. Mathematics with Teacher Certification

Name _____ ID# _____

Advisor _____

CORE: 61 HOURS

Area A (9 hrs)	Hrs	Term	Grade
ENGL 1101 Composition I (min grade C)	3		
ENGL 1102 Composition II (min grade C)	3		
MATH 1113 Precalculus (min grade C)	3		

Area B (4 hrs.min)	Hrs	Term	Grade
CIS 1000	2		
COMM 1110	3		
ENGL 2200	3		
SOCI 2295	2		
SOSC 1000, SOSC 1101, GEOG 1101	2/3		
THEA 1110	3		
WMST 2001	3		
Foreign Language (2000 or higher)	3		

Area C (6 hrs)	Hrs	Term	Grade
ENGL 2110 or ENGL 2120 or ENGL 2130	3		
Select one:	3		
ARTC 1100, MUSC 1100, or THEA 1100			

Area D (12 hrs) Area D Lists	Hrs	Term	Grade
MATH 1120 Calculus I (min grade C)	4		
One lab sequence from list A recommended*	8		
PHYS 1111/1112 Introductory Physics I/II			
PHYS 2211/2212 Principles of Physics I/II*			

Area E (12 hrs)	Hrs	Term	Grade
POLS 1101 American Government	3		
HIST 1111 or 1112 World Civilization I or II	3		
HIST 2111 or 2112 US History I or II	3		
Select one:	3		
ECON 2105, SOCI 1101			
HIST 1111 or 1112,			
PSYC 1101 or ANTH 1102			

Area F (18 hrs)	Hrs	Term	Grade
CSCI 1301 Intro Programming I	4		
MATH 2221 Calculus II	4		
MATH 2222 Calculus III	4		
MATH 2223 Discrete Systems I	3		
MATH 2224 Discrete Systems II	3		

Physical Education (4 hrs)	Hrs	Term	Grade
PEDS 1010 Lifetime Fitness	1		
PEDS 2000 CPR/First Aid	2		
PEDS _____ (Activity)	1		
(Activity must be swimming if swimming test not passed)			

Additional Requirements	
UNIV 1000 _____	
GA HISTORY _____	US HISTORY _____
GA CONSTITUTION _____	US CONSTITUTION _____
REGENT'S READING _____	REGENT'S WRITING _____
GEOGRAPHY _____	SWIMMING _____

Teacher Certification Notes
Professional Checklist (link here)
Additional Requirements (link here)

MAJOR/ELECTIVE REQUIREMENTS: 66 HOURS

Major Requirements (31 hrs)	Hrs	Term	Grade	F.E.
CSCI 1302 Intro Programming II	4			
MATH 2204 Statistics	3			
MATH 3100 Modern Geometry	3			
MATH 3200 Number Theory	3			
MATH 3325 Mathematical Statistics	3			
MATH 4412 Modern Algebra I	3			
MATH 4413 Modern Algebra II	3			
MATH 4490 History & Phil of Math	3			
Select two courses:				
MATH 3313 Differential Equations	3			
MATH 3316 Analysis I	3			
MATH 3317 Analysis II	3			
MATH 3320 Scientific Computation	3			
MATH 3322 Adv Math Modeling	3			
MATH 4440 Partial Differential Equations	3			
MATH 4442 Complex Analysis	3			
MATH 4450 Topology I	3			
MATH 4451 Topology II	3			
*MATH 4499 Senior Honors Thesis	3			

Certification Core (9 hrs)	Hrs	Term	Grade	F.E.
EDSP 2010 Intro to Special Education	3			30
EDUC 2010 Intro to Education	3			30
EDUC 2030 Human Growth & Dvlp	3			30

Teacher Ed Courses (14 hrs)	Hrs	Term	Grade	F.E.
EDRG 3060 Content Literacy	3			45
EDSC 4080 Cont, Ped, Assess & App	5			90
EDUC 3200 Audio Visual Technology	3			
EDUC 3400 Learner & Multicultrl Context	3			30

Education Capstone Exp (12 hrs)	Hrs	Term	Grade	F.E.
EDSC 4960 H.S. Student & Org	3			45
EDSC 4970 Student Teaching/Knowledge	3			160
EDSC 4980 Student Teaching/Skills	3			160
EDSC 4990 Student Teaching/Disposition	3			160

Degree Checklist:
_____ Application for graduation
_____ Exit Interview
_____ GRE or dept approved graduate level exam

ADDITIONAL REQUIREMENTS:	F.E.
Minimum grade of "C" required in Area F and all major courses.	
*Registration for this class is by department invitation.	
Opening School Experience	120

UNIVERSITY REQUIREMENTS:
A <u>minimum</u> of 120 semester hours must be completed for graduation.
39 semester hours must be upper division work at the 3000-4000 level.
Students entering prior to fall 2002 are required to pass a test of geographic knowledge or to earn a passing grade in one of the following courses: SOSC 1000, SOSC 1101, GEOG 1101, GEOG 4550, POLS 4550.
Students entering fall 2002 or later do not have to meet this requirement.

F.E. = Required Field Experience Hours
effective 2005-2006