

# B.S. Mathematics with Teacher Certification

Name \_\_\_\_\_ ID# \_\_\_\_\_

Advisor \_\_\_\_\_

Effective Catalog Year: 2006-2007

## 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		
<b>Select one:</b>	3		
ARTC 1100, MUSC 1100 or THEA 1100			
Area D (12 hrs) <span style="font-size: small;">Area D Lists</span>	Hrs	Term	Grade
MATH 1120 Calculus I (min grade C)	4		
<b>One lab sequence from list A recommended*</b>	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		
<b>Select one:</b>	3		
ECON 2105, SOCI 1101, PSYC 1101, ANTH 1102, HIST 1111 or 1112			
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		
<b>(Activity must be swimming if swimming test not passed)</b>			
Additional Requirements	UNIV 1000 _____		
GA HISTORY _____	US HISTORY _____		
GA CONSTITUTION _____	US CONSTITUTION _____		
REGENTS' READING _____	REGENTS' WRITING _____		
	SWIMMING _____		
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			
<b>Select two courses:</b>				
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 & Development	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/Dispositions	3			160
Degree Checklist:	<input type="checkbox"/> Application for graduation <input type="checkbox"/> Exit Interview <input type="checkbox"/> GRE or dept approved graduate level exam			
Additional Requirements:				F.E.
Minimum grade of "C" required in <b>Area F</b> and all major courses.				
*Registration for this class is by department invitation.				
Opening School Experience				120
UNIVERSITY REQUIREMENTS	A minimum of 120 semester hours must be completed for graduation. 39 semester hours must be upper division work at the 3000-4000 level.			
<b>F.E. = Required Field Experience Hours</b>				

Teacher Certification Notes:
<input type="checkbox"/> Application to Teacher Education
<input type="checkbox"/> Application to Student Teaching
Praxis I (Score _____ Semester _____)
Praxis II (Score _____ Semester _____)
Passed Praxis: Yes or No

Prior Degree/Major: \_\_\_\_\_

Earned at: \_\_\_\_\_

Comments: \_\_\_\_\_

Completed by \_\_\_\_\_ Date \_\_\_\_\_