CLEMSON UNIVERSITY
MATHEMATICS TEACHING
BACHELOR OF SCIENCE

CURRICULUM PLAN 2006-2007

FRESHMAN YEAR

Fall Semester		Spring Semester	
CH 105 Beginning General and Organic Chemistry	4	CH 106 Beginning General and Organic Chemistry	4
ED 105 Orientation to Education	1	ENGL103 Accelerated Composition	3
Cross-Cultural Awareness Requirement [1]	3	MTHSC 108 Calculus of One Variable II	4
MTHSC 106 Calculus of One Variable I	4	MTHSC 129 Prob. Solving in Discrete Math	3
PHIL 102 Introduction to Logic	3	Elective	1
	15		15

SOPHOMORE YEAR

Fall Semester		Spring Semester	
COMM 150 Introduction to Human Comm **OR** COMM 250 Public Speaking	3	ECON 200 Economic Concepts **OR** ECON 211 Principles of Microeconomics	3
MTHSC 206 Calculus of Several Variables	4	ED F 302 Educational Psychology	3
PHYS 122 Physics with Calculus I	3	ED F 315 (THRD) Tech. Skills for Learning	1
PHYS 124 Physics Lab. I	1	MTHSC 208 Intro. to Ordinary Diff. Equations	4
Arts & Humanities (Literature) Requirement [2]	3	MTHSC 311 Linear Algebra	3
Science Requirement [3]	3	PHYS 221 Physics with Calculus II	3
	17	PHYS 223 Physics with Lab. II	1
			18

JUNIOR YEAR

Fall Semester		Spring Semester	
ED F 301 Principles of American Education	3	ED F 335 Adolescent Growth and Development	3
MTHSC 302 Statistics for Science and Engr.	3	ED SP 370 Introduction to Special Education	3
MTHSC 308 College Geometry	3	EDSEC 437 Technology in Secondary Mathematics	3
SOC 201 Introduction to Sociology **or** SOC 202 Social Problems	3	MTHSC 408 Topics in Geometry	3
Science Requirement [3]	3	MTHSC 412 Introduction to Modern Algebra	3
	15		15

SENIOR YEAR

Fall Semester		Spring Semester	
ED F 425 Instructional Technology Strategies [4]	1	EDSEC 446 Teaching Intern. in Sec. Math. [5]	9
READ 498 Secondary Content Area Reading [4]	3	EDSEC 456 Sec. Math. Capstone Seminar [5]	3
EDSEC 426 Teaching Secondary Mathematics [4]	3		12
MTHSC 453 Advanced Calculus I	3		
MTHSC 400 Theory of Probability **or** MTHSC 405 Stat. Theory & Methods II	3		
ENGL 314 Technical Writing	3		
	16		

TOTAL HOURS – 123

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[1] See General Education Requirements
[2] ENGL 212, 213, 214, or 215
[3] Select from courses in ASTR, BIOL, BIOSC, CH, GEOL, PHYS
[4] ED F 425, EDSEC 426, and READ 498 must be taken concurrently. **Offered fall semester only.**
[5] EDSEC 446 and 456 must be taken concurrently. **Offered spring semester only.**