PROPOSAL:  1/30/10
PSOE Secondary Mathematics Education Program
Recommended Course Sequence:  125 HOURS
For All Mathematics Students Beginning Fall 2010

FRESHMAN YEAR
Fall
MAT 116 Pre-Calculus Mathematics
ENG 101 Composition
Arts Experience Course
PED 100 Fitness for College and Life (2)
FYS 101 First Year Seminar
MAT 200 Introduction to Statistics
17 HOURS

SOPHOMORE YEAR
Fall
MAT 215 Computer Programming (4)
MAT 222 Calculus II (4)
HIS 251 or HIS 252 US History I or II
EDU 225 Lifespan Dev from a Multicultural Perspective
PCS 127 College Physics I (with Lab)
18 HOURS

JUNIOR YEAR
Fall
COM 108 Fundamentals of Speech
MAT 300 College Geometry
MAT 310 Abstract Algebra
EDU 230 Common Elements of Differentiated Instruction
SPA 101 Elementary Spanish I
15 HOURS

ENTRY TO STAGE II: DATA BLOCK

SENIOR YEAR
Fall
EDU 329 Teaching in the Inclusion Classroom
MAT 450 Senior Seminar in Mathematics
DATA BLOCK:
EDU 399 DATA: Reading & Writing in Content Areas
EDU 472 DATA: Mathematics
EDU 440 DATA: Spirituality and the Nurturing Classroom
15 HOURS

Spring
REL 104 Introduction to Religion
ENG 103 Comp/Research or SCI 103 Writing for the Sciences
HIS 111 or HIS 112 Western Civilization I or II
PSY 101 Introduction to Psychology
MAT 221 Calculus I (4)
16 HOURS

Spring
PHI 364/EDU 364 Values, Character & Leader Development
MAT 293 Calculus III (4)
MAT 320 Linear Algebra
MAT 230 Discrete Mathematics
Any Other Earth/Space Cluster Course (4)
17 HOURS

EDU 100: PSOE ADMISSION

Spring
ENG 203, ENG 204, ENG 271, or ENG 272
EDU 327 Differentiated Instruction and Assessment
MAT 410 Real Analysis
MAT 420 Differential Equations
EDU 384 Differentiation through Technology
15 HOURS

ENTRY TO STAGE III: CANDIDATE TEACHING

Spring
EDU 496 Secondary Mathematics Candidate Teaching and Seminars
12 HOURS