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

**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

**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**
EDU 164/PHI 164 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