

Courses for PSOE Teacher Preparation Program: Secondary Mathematics Education
(One copy of this form must always remain in candidate's file.) (FALL 2010)

General Education Curriculum

Sem/Yr Gr

Communication -- 12

- _____ ENG 101 Composition
- _____ ENG 103 Comp/Research or
SCI 103 Writing for the Sciences
- _____ COM 108 Fundamentals of Speech
- _____ Arts Experience Course

Critical Thinking & Inquiry -- 14

- _____ FYS 101 First Year Seminar
- _____ MAT 116 Pre-Calculus Mathematics
- _____ PCS 127 College Physics I (Lab)
- _____ Any other Earth/Space Cluster Course

Knowledge of Self, Society, Culture -- 18

Western Culture -- 6

- _____ ENG 203, ENG 204, ENG 271, or ENG 272
- _____ HIS 111 or HIS 112 Western Civilization I or II

Local and Social Identities -- 6

- _____ HIS 251 or HIS 252 US History I or II
- _____ PSY 101 Introduction to Psychology

Global Studies -- 6

- _____ REL 104 Introduction to Religion
- _____ SPA 101 Elementary Spanish I

Values and Ethics -- 5

- _____ PED 100 Fitness for College and Life (2)
- _____ PHI 364/EDU 364 Values, Character, & Leadership Development

Comments:

General Education Curriculum: 49 Hours

Secondary Mathematics Curriculum

Sem/Yr Gr

Major Field Courses -- 6

- _____ EDU 225 Lifespan Development from a Multicultural Perspective
- _____ EDU 230 Common Elements of Differentiated Instruction
- _____ EDU 100: PSOE ADMISSION *

Teaching Field Courses -- 40

- _____ MAT 221 Calculus I (4)
- _____ MAT 222 Calculus II (4)
- _____ MAT 200 Introduction to Statistics
- _____ MAT 215 Computer Programming (4)
- _____ MAT 230 Discrete Mathematics
- _____ MAT 293 Calculus III (4)
- _____ MAT 300 College Geometry
- _____ MAT 310 Abstract Algebra
- _____ MAT 320 Linear Algebra
- _____ MAT 410 Real Analysis
- _____ MAT 420 Differential Equations
- _____ MAT 450 Senior Seminar in Mathematics

* ALL COURSES BELOW THIS LINE REQUIRE PSOE ADMISSION

Professional Sequence -- 30

- _____ EDU 327 Differentiated Instruction & Assessment
- _____ EDU 329 Teaching in the Inclusion Classroom
- _____ EDU 384 Differentiation through Technology
- _____ EDU 399 DATA: Reading and Writing in Content Areas
- _____ EDU 440 DATA: Spirituality and the Nurturing Classroom
- _____ EDU 472 DATA: Mathematics
- _____ EDU 496 Candidate Teaching with Seminars (12 hours)

Comments:

Secondary Mathematics Curriculum: 76 Hours