

I. CORE CURRICULUM 44
Physics 1150, 1151 will count toward science requirement. Math 1110 will count toward math requirement.

II. PROFESSIONAL EDUCATION REQUIREMENTS..... 24
A 2.00 IS REQUIRED IN ALL PROFESSIONAL EDUCATION COURSES.

| | | | |
|----------------|------------|--|-----------------------|
| CI/SPE 2800 | _____ (3) | Teachers, Schools, and Learners (W, C) | PROFICIENCIES: |
| CI/FDN/RE 3850 | _____ (3) | Literacy, Technology and Instruction (C) | Reading _____ |
| FDN 3800 | _____ (3) | Foundations of American Education (CD) | English _____ |
| PSY 3000 | _____ (3) | Educational Psychology (MC, CD) | Speech _____ |
| C I 4900 | _____ (12) | Student Teaching | |

NOTE: To be admitted to the Teacher Education Program students must take and satisfy testing requirements for Reading, Writing and Math areas of the PRAXIS (PPST or CBT). Note, however, that the Area Exam is required for licensure. Only CI/SPE 2800 and PSY 3000 may be taken prior to formal admission into the Teacher Education Program.

III. MAJOR REQUIREMENTS..... 37
2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under III.

A. Area of Specialization in Preparation for Teaching:

37 hours in Mathematical Sciences with at least 5 hours at the 4000 level (excluding MAT 4015). Also required: 10 semester hours of Physics, C I 3080 and R E 4630. All programs must be approved by Teacher Certification Advisory Committee.

Mathematics:

| | | |
|----------|-----------|---|
| MAT 1110 | _____ (4) | Calculus with Analytic Geometry I (ND) |
| MAT 1120 | _____ (4) | Calculus with Analytic Geometry II (ND) |
| MAT 2130 | _____ (4) | Calculus with Analytic Geometry III (ND) |
| MAT 2240 | _____ (3) | Introduction to Linear Algebra (C) |
| MAT 3110 | _____ (3) | Introduction to Modern Algebra (W) |
| MAT 3220 | _____ (3) | Introduction to Real Analysis (W) |
| MAT 3520 | _____ (1) | Instructional Assistance |
| MAT 3610 | _____ (3) | Introduction to Geometry (S) |
| MAT 4015 | _____ (3) | Senior Seminar for Mathematics Majors in Education (W, S, ND) |

Additional approved courses in Mathematics, Computer Sciences and/or Statistics:

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

B. Other Required Courses

Physics:

| | | |
|----------|-----------|----------------------------|
| PHY 1150 | _____ (5) | Analytical Physics I (ND) |
| PHY 1151 | _____ (5) | Analytical Physics II (ND) |

Education:

| | | |
|-----------|-----------|-----------------------------|
| C I 3080* | _____ (2) | Teaching High School Math |
| R E 4630* | _____ (2) | Reading in the Content Area |

*Minimum "C" grade required

| | |
|--|-------|
| <u>Major Designators</u> | |
| 2 Writing (W) | _____ |
| 1 Speaking (S) | _____ |
| Certified Proficiency in Communication (CPC) | _____ |
| See Department Chair for CPC requirements | |
| <u>Other Designators</u> | |
| 4 Writing (W) | _____ |
| 4 Multi Cultural (MC) | _____ |
| 2 Numerical Data (ND) | _____ |
| 2 Computer (C) | _____ |
| 1 Cross Disciplinary (CD) | _____ |

V. ELECTIVES (taken to total 122 hours for the degree) 17
2 semester hours of free electives must be outside the major discipline. 122