

## MAT Secondary Education

### Secondary Mathematics

- Praxis Subject Assessment: **5165**
- **Coursework:**
  - Algebra (abstract/modern and linear) (6 hours)
  - Modern Geometry or Foundations of Geometry (3 hours)
  - Calculus (6 hours)
  - Electives (12 hours)
    - Probability (3 hours) and Statistics (3 hours) must be included in the elective hours.
    - Additional hours may include:
      - Applied or Discrete Mathematics
      - Number Theory
      - Analysis
      - Algebra or Geometry (advanced courses)

### Secondary English

- Praxis Subject Assessment: **5038 or 5039**
- **Coursework:**
  - Language Structure and Skills
    - Language Structure and Skills; Composition and Rhetoric (6 hours)
    - Advanced Composition and Rhetoric (3 hours)
    - Development of Modern English (3 hours)
    - Modern English Grammar (3 hours)
  - Literature
    - British Literature (3 hours)
    - American Literature (3 hours)
    - Adolescent Literature (3 hours)
    - Literary Criticism (3 hours)
    - Electives in Literature (6 hours)

## Secondary Social Studies

- Praxis Subject Assessment: **5581**
- Coursework:
  - US History (6 hours)
  - European or World History (6 hours)
  - Social Studies Elective (12 hours)
    - Selected from Economics, Government, Geography, and Sociology but not more than 6 hours in any one field.
- Social Studies Electives (6 hours)
  - Selected from Economics, Geography, Government, History, Psychology, Sociology, or the History of Religion
- Mastery of History, Civics, Economics, Geography, and Social Sciences demonstrated by completing 3 semester hours in each area
  - This may be met through the coursework listed above.
- 3000+ Level coursework to include at least one course addressing the history of marginalized groups or non-western history (6 hours)
  - In some cases, this can be met through the coursework listed above (e.g., HIST 3310 – African American History to 1877 would count toward this requirement and the US History requirement).

## Secondary Science

- Praxis Subject Assessment
  - Biology: **5236**
  - Chemistry: **5246**
  - Physics: **5266**
- Coursework (Single Field):
  - 18 semester hours in a single field of science; two courses or 6 semester hours must include a laboratory.