

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: **5086**
- 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: **5235** (discontinued after 8/31/23) or **5236** (available beginning 9/1/22)
 - Chemistry: **5245**
 - Physics: **5265** (discontinued after 8/31/23) or **5266** (available beginning 9/1/22)
- Coursework (Single Field):
 - 18 semester hours in a single field of science; two courses or 6 semester hours must include a laboratory.