# EIGHT SEMESTER MAP FOR SECONDARY EDUCATION WITH A MATHEMATICS SPECIALTY AREA

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<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
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| **Year 1** | **Fall Semester**  
- PSY 0010 – Intro to Psychology  
- ENGCMP 0010 – College Comp. I  
- One course on World Society  
- MATH 0200 – Preparation for Scientific Calculus  
- HIST 600 – U.S. to 1877; HIST 601 – U.S. 1865-Present; or SOC 0009 – American Society  
  
  (15 credits) | **Spring Semester**  
- ADMPS 1001 – Social Foundations of Education  
- ENGCMP 0200 – College Comp. II  
- COMMRC 0520 – Public Speaking  
- MATH 0220 – Analytic Geometry & Calculus I  
- PSY 0310 – Developmental Psychology OR  
- PSY 0311 – Lifespan Development  
  
  (16 credits) |
| **Year 2** | **Fall Semester**  
- PSY 1001 – Intro to Education Psychology  
- Philosophy  
- I & L 1332 – Strategies & Techniques of Instruction  
- MATH 0230 – Analytic Geometry & Calculus 2  
- MATH 0413 – Intro to Theoretical Mathematics  
  
  (17 credits) | **Spring Semester**  
- I & L 1702 – Early Field Experience  
- I & L 1060 – Education of Exceptional Students I  
- EDPSY 0009 – English Language Learners  
- MATH 0240 – Analytic Geometry & Calculus 3  
- British or American Lit Class (ENGLIT 0570, 1012, 1175 or 1215)  
- MATH 0420 – Intro Theory I – Variable Calculus  
  
  (17 credits) |
| **Year 3** | **Fall Semester**  
- STAT 1000 – Applied Statistical Methods  
- I&L 1061 – Education of Exceptional Students II  
- MATH 0430 – Intro to Abstract Algebraic Systems  
- MATH 1270 – Ordinary Differential  
- PHYS 0174 – Basic Physics, Science & Engineering I (Integrated); or NATSC 0070* - Physical Science  
  Every Day Thinking  
  
  (17 credits) | **Spring Semester**  
- I&L 1470 – Teaching Mathematics – Sec. School  
- I&L 1471 (1 cr) – Pedagogy Lab - Mathematics  
- PHYS 0175 – Basic Physics, Science & Engineering 2 (Integrated); or PEDC 0310* - Personal Health  
- SOC 0455 – Diversity in America  
- MATH 1180 – Linear Algebra I  
- MATH 1020 – Applied Elementary Number Theory  
  
  (17 credits) |
| **Year 4** | **Fall Semester**  
- I&L 1811 (1 cr) – Pre-Student Teaching  
- MATH 1290 – Topics in Geometry  
- ENGLIT 1647 – Literature for Adolescents  
- MATH 1230 – The Big Ideas of Mathematics  
- One course in Artistic Traditions  
  
  (13 credits) | **Spring Semester**  
- I&L 1821 – Student Teaching  
- I&L 1876 – Student Teaching Seminar  
  
  (13 credits) |

* Must take a 2-semester sequence; Must take Physics Sequence if getting a dual major. (note: PEDC is offered in the Autumn. Switch SS2 with PEDC if you are taking that).  

Note: Optional credits: I&L 0020, Directed Tutoring (1-3 credits) – supervised -- local secondary schools.