NINE SEMESTER MAP FOR SECONDARY EDUCATION WITH A MATHEMATICS SPECIALTY AREA <u>AND</u> APPLIED MATHEMATICS MAJOR

	Fall Semester	Spring Semester
Year 1	PSY 0010 – Intro to Psychology ENGCMP 0010 – College Comp. I One course on Modern World Foreign Language or Humanities MATH 0200 **(15 credits)**	ADMPS 1001 – Social Foundations of Education ENGCMP 0200 – College Comp. II COMMRC 0520 – Public Speaking MATH 0220 (4 cr) – Analytic Geom. & Calc. I PSY 0310 – Developmental Psychology **(16 credits)**
Year 2	PSY 1001 – Intro. to Educational Psych. Philosophy I & L 1332 - Strat. & Tech. of Instruction MATH 0230 (4 cr) – Anal. Geom. & Calc. 2 MATH 0413 (4 cr) – Intro. to Theoretical Mathematics **(17 credits)**	I & L 1702 – Early Field Experience I & L 1060 – Education of Exceptional Students I EDPSY 0009 (1 cr) – English Language Learners MATH 0240 (4 cr) – Anal. Geometry & Calc. 3 MATH 0430 – Intro. to Abstract Algebraic Systems ENGLIT 1012 – 18th Century British Literature; or ENGLIT 1175 – 19th Century British Literature; or ENGLIT 1215 – Pre-20th Century American Lit. **(17 credits)**
Year 3	I&L 1061 – Educ. of Exceptional Stud. II CS 441 (cross listed -MATH 0400) PHYS 0174 (4 cr) – Basic Physics, Science and Engineering (Integrated) HIST 600 – U.S. to 1877; HIST 601 – U.S. 1865-Present; or SOC 0009 – American Society STAT 1000 (4 cr) – Applied Stat. Methods **(17 credits)**	PHYS 0175 (4 cr) – Basic Physics, Science & Engineering 2 (Integrated) MATH 0420 – Intro to Theory I – Variable Calculus CS 0402, 0421 or equivalent programming class I&L 1470 - Teaching Mathematics – Secondary I&L 1471 (1 cr) – Pedagogy Lab - Mathematics MATH 1270 – Ordinary Differential MATH 1951 (1 cr) –Senior Research 1 **(18 credits)**
Year 4	MATH 1180 – Linear Algebra I MATH 1290 – Topics in Geometry ENGLIT 1647 – Literature for Adolescents MATH 1070 –Numerical Math. Analysis MATH 1360-- Modeling in App. Math. 1 MATH 1952 – Senior Research 2 **(17 credits)**	One course in Artistic Traditions MATH 1530, 1550 or 1560 MATH 1230 (odd years) – The Big Ideas of Math. SOC 0455 – Diversity in America MATH 1020 – Applied Elem. Number Theory I&L 1811 (1 cr) – Pre-Student Teaching **(16 credits)**
Year 5	I&L 1821 – Student Teaching I&L 1876 – Student Teaching Seminar **(13 credits)**	

* Must take a 2-semester sequence