

## NINE SEMESTER MAP FOR SECONDARY EDUCATION WITH A CHEMISTRY SPECIALITY AREA AND CHEMISTRY MAJOR

	Fall Semester	Spring Semester
<b>Year 1</b>	PSY 0010 – Intro to Psychology ENGCOMP 0010 – College Comp. I MATH 0200 – Prep for Sci. Calc. Foreign Language/Humanities CHEM 0110 (4 cr) – Gen. Chem. I  <p style="text-align: right;"><b>(16 credits)</b></p>	ADMPS 1001 – Social Foundations of Education ENGCOMP 0020 – College Comp. II CHEM 0120 (4 cr) – General Chemistry I MATH 0220 – Prep. for Scientific Calculus COMMRC 0520 – Public Speaking  <p style="text-align: right;"><b>(16 credits)</b></p>
<b>Year 2</b>	PSY 1001 – Intro to Educ. Psychology PSY 0310 – Developmental Psych. I & L 1332 – Strat. & Tech. of Instr. CHEM 0310/0330 – Org. Chem. I/Lab MATH 0230 – Anal. Geom. & Calc. II  <p style="text-align: right;"><b>(17 credits)</b></p>	MATH 0240 (4 cr) – Anal. Geom. & Calculus I & L 1060 – Education of Exceptional Students I & L 1702 – Early Field Experience ENGLIT 1012 – 18 <sup>th</sup> Century British Literature; ENGLIT 1175 – 19 <sup>th</sup> Century British Literature; or ENGLIT 1215 – Pre-20 <sup>th</sup> Century American Lit. EDPSY 0009 (1 cr) – English Language Learners CHEM 0320/0340 (4 cr) – Org. Chem II/Lab  <p style="text-align: right;"><b>(18 credits)</b></p>
<b>Year 3</b>	I&L 1061 – Educ. of Except. Students II CHEM 0250/0260 – Intro to Anal. Chem./Lab NATSC 0400 – Big Ideas in Science PHYS 0174 (4 cr) – Basic Physics, Science & Engineering 1 PHIL 0310 – Ethics, Science & Technology  <p style="text-align: right;"><b>(17 credits)</b></p>	PHYS 0175 (4 cr) – Basic Physics, Science, & Engr. 2 PHYS 0212 (2 cr) – Intro to Laboratory Physics CHEM 1035* - Intro. To Environmental Chem. I&L 1440 – Teaching Science - Secondary I&L 1441 (1 cr) – Pedagogy Lab - Science I&L 1442 (2 cr) – Teaching Lab Science SOC 0455 – Diversity in America  <p style="text-align: right;"><b>(18 credits)</b></p>
<b>Year 4</b>	HIST 0600 – U.S. to 1877; HIST 0601 – U.S. 1865-Present; or SOC 0009 – American Society One course in Modern World CHEM 1410* - Physical Chemistry I ENGLIT 1647 – Lit. for Adolescents CHEM 1700 (1 credit) – Undergraduate Research Seminar One course in Artistic Traditions  <p style="text-align: right;"><b>(16 credits)</b></p>	CHEM 1710 (2 cr) – Undergraduate Research CHEM 1420/1430 (4 cr)* - Physical Chemistry 2/Lab CHEM 1130 – Inorganic Chemistry CHEM 1250/1255 (4 cr) – Instrumental Analysis/Lab I&L 1811 – Pre-Student Teaching - Secondary PEDC 0310 – Health Science  <p style="text-align: right;"><b>(17 credits)</b></p>
<b>Year 5</b>	I&L 1821 – Student Teaching I&L 1876 – Student Teaching Seminar  <p style="text-align: right;"><b>(13 credits)</b></p>	

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

**\*Please Note:** These courses are offered every other year. Please plan your schedule accordingly.