

**MAJOR: Mathematics/Adolescence Education Grades 7-12 Teacher Academy at CSI**

	Summer	Fall	Spring
Year 1	Orientation  Prep for Calculus	MTH 231,3crs,4hrs Calculus I MTH 229,1cr,2hrs Calculus Computer Lab CHM 141,3crs,3hrs General Chemistry I CHM 121,1cr,3hrs General Chemistry I lab ENG 111,3crs,4hrs Intro to College Writing COR 100,4crs,4hrs* US:Issues,Ideas,&Institutions Seminar on Teaching	MTH 232,3crs,4hrs Calculus II CHM 142,3crs,3hrs General Chemistry II CHM 127,1cr,3hrs General Chemistry II lab ENG 151,4crs,4hrs College Writing Seminar on Teaching PED 190,1cr,2hrs Fitness for Life
Year 2		MTH 233,3crs,4hrs Calculus III MTH 338,4crs,4hrs Linear Algebra CSC 126,4crs,6hrs Intro to Computer Sci Gen Ed: PSY 100, 4crs,4hrs** Psychology Seminar on Teaching	MTH 311,4crs,4hrs Probability MTH 341,4crs,4hrs Advanced Calculus I Gen Ed*,4crs,4hrs Seminar on Teaching EDS 202,4crs,4hrs Psychological Foundations
Year 3		MTH 339,4crs,4hrs Applied Abstract Algebra MTH 306,4crs,4hrs History of Math Gen Ed*,4crs,4hrs Seminar on Teaching Language 113 level, 4crs,4hrs	MTH 334, 4crs,4hrs Differential Equations MTH 329,4crs, 4hrs Geometry Language 114 level, 4crs,4hrs Seminar on Teaching EDS 201,4crs,4hrs Social Foundations
Year 4		MTH 3__ ,4crs,4hrs EDS 303, 4crs,4hrs Teaching of Math EDS 307, 4crs,4hrs Discovery Learning	MTH 3__ ,4crs,4hrs EDS 400,6crs Student Teaching in Secondary Education EDS 401,2crs,2hrs Practices and Problem Solving in Student Teaching

Total requirements = 114 credits.

6 elective credits.

\*COR 100 is a general education requirement

\*General Education course in Contemporary World, 4crs,4hrs has a prerequisite of ENG 151 and COR 100

\*General Education course in Textual, Aesthetic, Linguistic Analysis, 3-4crs, 3-4hrs

\*\*General Education course in Social Science Analysis can be satisfied by PSY 100.

EDS 202 requires 3 crs of psychology