

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

|        | Summer                               | Fall  | Spring  |
|--------|--------------------------------------|---|---|
| Year 1 | Orientation<br><br>Prep for Calculus | MTH 231,3crs,4hrs Calculus I<br>MTH 229,1cr,2hrs<br>Calculus Computer Lab<br>CHM 141,3crs,3hrs<br>General Chemistry I<br>CHM 121,1cr,3hrs<br>General Chemistry I lab<br>ENG 111,3crs,4hrs<br>Intro to College Writing<br>COR 100,4crs,4hrs*<br>US:Issues,Ideas,&Institutions<br>Seminar on Teaching | MTH 232,3crs,4hrs<br>Calculus II<br>CHM 142,3crs,3hrs<br>General Chemistry II<br>CHM 127,1cr,3hrs<br>General Chemistry II lab<br>ENG 151,4crs,4hrs<br>College Writing<br>Seminar on Teaching<br>PED 190,1cr,2hrs<br>Fitness for Life    |
| Year 2 |                                      | MTH 233,3crs,4hrs Calculus III<br>CHM 250,4crs,3hrs,4lab<br>Organic Chemistry 1/lab<br>PHY 120,3crs,4hrs<br>General Physics I<br>PHY 121, 1cr,2hrs<br>General Physics I lab<br>Gen Ed: PSY 100, 4crs,4hrs**<br>Psychology<br>Seminar on Teaching  | CHM 256, 4crs,3hrs,4lab<br>Organic Chemistry II<br>PHY 160,3crs,4hrs<br>General Physics II<br>PHY 161,1cr,2hrs<br>General Physics II lab<br>Gen Ed*, 4crs,4hrs<br>Seminar on Teaching<br>EDS 202,4crs,4hrs<br>Psychological Foundations |
| Year 3 |                                      | CHM 330,4crs,4hrs<br>Physical Chem:Equilibria<br>CHM 240, 4crs,4hrs,4lab<br>Analyt. Chemistry<br>CHM 3xx,4xx,or59x,4crs<br>Gen Ed* 4crs,4hrs<br>Seminar on Teaching<br>Language 113 level,<br>4crs,4hrs   | CHM 336, 4crs, 4hrs<br>Physical Chem: Processes<br>CHM 337, 4crs, 8hrs<br>Phys Chem lab<br>CHM 3xx,4xx,59x, 4crs<br>Language 114 level,<br>4crs,4hrs<br>Seminar on Teaching<br>EDS 201,4crs,4hrs<br>Social Foundations                  |
| Year 4 |                                      | CHM 3xx,4xx,59x,4crs<br>Electives CHM<br>3xx,4xx,or59x,4crs<br>EDS 304, 4crs,4hrs<br>Teaching of Science<br>EDS 307, 4crs,4hrs<br>Discovery Learning  | CHM 340 or 434, 4crs<br>Electives CHM<br>3xx,4xx,or59x,4crs<br>EDS 400,6crs<br>Student Teaching in Secondary Education<br>EDS 401,2crs,2hrs<br>Practices and Problem Solving in Student Teaching  |

Total requirements = 130 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