Individualized Chemistry Major Curriculum (Biological Focus):

Freshman year:
- Fall: CHEM 2070 General Chemistry 1
- Spring: MATH 1110 Calculus 1

Sophomore year:
- Fall: CHEM 3570 Organic Chemistry 1
- Spring: PHYS 2207 General Physics 1

Junior year:
- Fall: CHEM 2870 Physical Chemistry 1
- Spring: Elective

Senior year:
- Fall: Elective
- Spring: Elective

Individualized Chemistry Major Curriculum (Physical Focus):

Freshman year:
- Fall: CHEM 2070 General Chemistry 1
- Spring: MATH 1110 Calculus 1

Sophomore year:
- Fall: CHEM 3530 Prin. Of Org. Chem
- Spring: PHYS 1112 General Physics 1

Junior year:
- Fall: CHEM 4100 Inorganic Chemistry
- Spring: PHYS 2213 or Elective

Senior year:
- Fall: Elective
- Spring: Elective

Honors Curriculum:

Freshman year:
- Fall: CHEM 2070 General Chemistry 1
- Spring: MATH 1110 Calculus 1

Sophomore year:
- Fall: CHEM 3570 Organic Chemistry 1
- Spring: PHYS 2207 General Physics 1

Junior year:
- Fall: CHEM 3890 Quantum mechanics
- Spring: Elective

Senior year:
- Fall: Research
- Spring: CHEM 4100 Inorganic Chemistry

Honors Accelerated Curriculum:

Freshman year:
- Fall: CHEM 2150 General Chemistry
- Spring: MATH 1110 Calculus 1

Sophomore year:
- Fall: CHEM 3600 Organic Chemistry 2
- Spring: PHYS 2207 General Physics 1

Junior year:
- Fall: CHEM 3890 Quantum mechanics
- Spring: Elective

Senior year:
- Fall: Research
- Spring: CHEM 4980** Honors Seminar

\* Calculus 1 & 2 options: MATH 1110 & 1120, or MATH 1210 & AP Calculus Credit, or MATH 1910 & AP Calculus Credits

\+ Req. Math prep. for CHEM 3890 is multivariable calc. (highly recommended): MATH 2100, 2130, or 2220 or linear algebra (allowed): MATH 2210, 2310, or 2940

\+ Physics options: PHYS 2207 & PHYS 2208, or PHYS 1112 & PHYS 2213 or PHYS 1116 & PHYS 2217

\* Standard Major Lab option: CHEM 2900 & CHEM 3010 & Other Lab, or CHEM 2900 & 3010 & 3020

\* Denotes an optional timeslot to be used for an Elective or Research course. (Career max of 4 research credits, Research needed for Enrollment in CHEM 4980)

** Denotes optional course utilized towards the research Latin Honors