Major I – Pre-professional (Medicine, Dentistry, Business, Law, Engineering)
- General Chemistry I & II (Chem1111-12)
- Organic Chemistry (Chem2151-52)
- Organic Chemistry Lab (Chem2153-54)
- Quantitative Analysis (Chem2122)
- Quantitative Analysis Lab (Chem2123W)
- Physical Chemistry (Chem3171-72)
- Physical Chemistry Lab (Chem3173)
- Biochemistry I (Chem3165)*
- Instrumental Analysis (Chem4122)
- Descriptive Inorganic Chemistry (Chem4134)*
  * May be taken in the junior or senior year

Chemistry Minor
- Chem1111-12, 2151-54, 2122 and 2123 plus one of:
  - Chem3170 or 3171
  - 3165 or 4134

Major II – ACS Certified
  e.g. Graduate Study or Entry Level Chemistry Employment.
  Above plus:
  - Instrumental Analysis Lab (Chem4123)
  - Undergraduate Research (Chem4195)

Major III – Forensic Chemistry
- Above plus:
  - Fors 6206, 6221, 6238, 6239 & Fors 6211 or 6234 or 6235
  - Biochemistry I (Chem3165)*

Five Year BS/MS in Forensic Chemistry
- 21 additional credits of courses in Forensic Sciences.

Major IV** – Biochemistry Option
- Above plus:
  - Instrumental Analysis Lab (Chem4123)
  - Undergraduate Research (Chem4195)
  - Biochemistry II (Chem3166)

Fors 6206, 6221, 6238, 6239 & Fors 6211 or 6234 or 6235
  ** Also an ACS Certified Degree