Suggested Pathway for B.A. Degree in Chemistry:

UAF degree requirements for the B.A. include a minor in some area. There is also a requirement of 39 upper-division credits, which will require getting to high level (300 or larger course number) in that area. Please work with your advisor to assure your plan satisfies this requirement. You are also required two “W” writing-intensive courses, and this curriculum only guarantees one “W”, so another “W” course is required.

First Year

**Fall Semester**
- CHEM 105 - General Chemistry I
- MATH 200 – Calculus
- ENGL 111 - Methods of Written Communication
- LS 100X or LS 101X - Library & Information Strategies
- Core Human Perspective

**Spring Semester**
- CHEM 106 - General Chemistry II
- MATH 201 - Calculus II
- COMM 131X or 141X - Fund of Oral Communication
- Core Human Perspective(s)

Second Year

**Fall Semester**
- CHEM 212 - Chemical Equilibrium and Analysis
- Elective(s) / course(s) in minor
- PHYS 103 - General Physics
- ENGL 211X or 213X – Academic Writing/Lit. or Science

**Spring Semester**
- CHEM 202 - Basic Inorganic Chemistry
- Elective(s) / course(s) in minor
- PHYS 104 - General Physics
- Core Human Perspective

Third Year

**Fall Semester**
- CHEM 321 - Organic Chemistry I
- CHEM 331 - Physical Chemistry I
- Core Human Perspective Elective
- Elective(s) / Course(s) in minor

**Spring Semester**
- CHEM 322 – Organic Chemistry II
- or – CHEM 451 – Biochemistry: Metabolism
- CHEM 324W – Advanced Organic Laboratory
- or – CHEM 314W – Instrumental Analytical Laboratory
- Core Human Perspective Elective
- Electives / Courses in minor

Fourth Year

**Fall Semester**
- CHEM 481 – Seminar
- Electives / Courses in minor

**Spring Semester**
- CHEM 482O – Seminar
- Electives / Courses in minor

For the Forensic Chemistry concentration of the B.A. degree, work with your advisor to select appropriate electives to satisfy the requirements of that program in your academic year’s course catalog.