

**Professional Ethics** - Students will apply ethical principles of the discipline in regard to the treatment of experimental data, use of sources, and collaboration with colleagues

**Content Skills** - Students will demonstrate content knowledge in five foundational areas of chemistry (inorganic, organic, analytical, physical, and biochemistry)

**Laboratory Skills** - Students will display proficiency in fundamental laboratory skills, including safety and the use of instrumentation and computers.

**Written Communication Skills** - Students will effectively communicate scientific results in written form.

**Oral Communication Skills** - Students will effectively communicate scientific results in oral form.

**Technology Competency** - Students will demonstrate the ability to select and use technology appropriate to the work of the discipline.