The Professional Science Master’s program in Chemistry has the objective of advancing technical skills, industry-guided knowledge and business management. The program prepares students for career opportunities in businesses utilizing chemical and/or biochemical processes and instrumentation.

Additional Admission Requirements
- An undergraduate degree in science
- At least one year of physical chemistry and calculus courses consisting of differential and integral equations.
- Two of the three letters of recommendation should be from former science or math professors.

Program Outcomes:
- Communication: M.S. candidates will demonstrate the ability to comprehend, apply and evaluate information from chemistry literature which is to be orally presented and validated in a seminar.
- Applied Chemistry Knowledge: M.S. candidates will demonstrate chemistry proficiency in the sub-disciplines of chemistry: analytical, inorganic, organic, biochemistry and physical as it pertains to real life applications and product development.
- Research Training and Ethics: M.S. candidates will acquire the basic tools needed to carry out independent chemical research. Students should become proficient in their specialized area of chemistry and successfully complete a written graduate level research project designed to address industrial and other collaborative needs.

Degree Requirements
Total credit hours: 30
- Core courses (12 credits): CHEM 711, 722, 732, 743
- Select 6 credit hours from: BIOL, CHEM, CHEN, MATH, PHYS with approval of advisor
- Select 9 credit hours from: ACCT 708, 714; ECON 706; MGMT 705, 712, 718
- Internship (CHEM 784: 3 credits)