Master of Science in Chemistry (Professional Science Emphasis)

This option requires a minimum of 32 hours, of which 16 credit hours must be at or above the 5000 level. Students must take 21 credit hours of chemistry, 9 hours in business, and 2 credits hours of internship or practicum. A maximum of 3 credits of CHEM 6897 may be applied toward the required minimum of number of chemistry credits (21 hours).

The courses presented for the Master’s degree (professional science emphasis) may not include any of the following:

- **CHEM 4212** Instrumental Analysis 2
- **CHEM 4233** Laboratory in Instrumental Analysis 2
- **CHEM 4302** Survey of Physical Chemistry with Applications to the Life Sciences 3
- **CHEM 4343** Physical Chemistry Laboratory II 2
- **CHEM 4412** Advanced Inorganic Chemistry 3
- **CHEM 4433** Inorganic Chemistry Laboratory 2
- **CHEM 4712** Biochemistry 3
- **CHEM 4733** Biochemistry Laboratory 2
- **CHEM 6196** 1
- **CHEM 6487** Problem Seminar in Inorganic Chemistry 1
- **CHEM 6687** Problem Seminar in Organic Chemistry 1
- **CHEM 6787** Problem Seminar in Biochemistry 1
- **CHEM 6812** Introduction to Graduate Study in Chemistry 1
- **CHEM 6822** Introduction to Graduate Research in Chemistry 1
- **CHEM 6905** Graduate Research In Chemistry 1-10

**Emphasis Area Requirements**

Elective Courses in Business (9 credit hours required)

- **MGMT 3623** Industrial and Organizational Psychology 3
- **BUS AD 5000** Economics for Managers 3
- **BUS AD 5100** Managerial Communication 3
- **MGMT 5600** Managing People in Organizations 3
- **MKTG 5700** Contemporary Marketing Concepts 3
- **BUS AD 5900** Law, Ethics and Business 3

Required Internship or Practicum (2 credit hours required)

- **CHEM 5798** Practicum in Science in Business 2
- or **CHEM 5799** Internship in Science in Business