

New Program

Professional Science Masters Emphasis

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 Scienc	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	Advanced Reading In Chemistry	1
CHEM 6487	Problem Seminar In Inorganic Chemistry	1
CHEM 6687	Problem Seminar In Organic Chemistry	1-3
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	Organizational Behavior And Administrative Processes	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	

There are no distribution requirements for the Masters in Chemistry (Professional Science Emphasis).

Department	Contact Person	Phone #	Objections
S002850	Patricia Parker	6576	No
S002900	Tom Eyssell	6273	No
Rationale	<p>This is a new type of master's degree that blends traditional graduate training in the sciences with graduate training in business, with an emphasis on professional skills such as written and oral communications. Such programs prepare students for a career working in companies at the interface between the science and business operations. The Professional Science emphasis area utilizes courses from three departments in the College of Business. Dr. Tom Eyssell, as Associate Dean and Director of Advanced Studies, has been involved in the development of this program and has agreed to sign off on behalf of the College of Business.</p>		