

Chemistry/Business Field Major

Program Requirements

The Charles M. Buess program in chemistry/business is designed for students who wish to pursue careers in pharmaceutical or chemical sales, management, advertising and other related areas, and may be appropriate for those intending to open private practices in medicine, dentistry, veterinary medicine, etc. Students selecting this option should contact an advisor in the department of chemistry and biochemistry as early as possible.

A minimum total of 120 credit hours is required for the chemistry/business field major. In addition to meeting the requirements of the WSU General Education Program (<http://catalog.wichita.edu/undergraduate/academic-information/general-education-program/>) and the requirements of Fairmount College of Liberal Arts and Sciences, students must meet the following requirements:

Course	Title	Hours
General Education		
Select courses to meet General Education requirements ¹		34-35
College Requirements		
LAS Competencies and Electives - select enough courses to reach 120 credit hours and complete all LAS Competency Areas ¹		16-23
Major Requirements		
CHEM 211 & CHEM 212	General Chemistry I and General Chemistry II	10
CHEM 523	Analytical Chemistry	4
CHEM 514 or CHEM 524	Inorganic Chemistry Instrumental Methods of Chemical Analysis	3-4
CHEM 531 & CHEM 532	Organic Chemistry I and Organic Chemistry II	10
Select one of the following:		3-6
CHEM 661	Principles of Biochemistry	
CHEM 662 & CHEM 663	Biochemistry I and Biochemistry II	
MATH 144 or MATH 242	Business Calculus Calculus I	3-5
ACCT 210 & ACCT 220	Financial Accounting and Managerial Accounting	6
ECON 201 & ECON 202	Principles of Macroeconomics and Principles of Microeconomics	6
BLAW 431	Legal Environment of Business	3
FIN 340	Financial Management - Fundamental Valuation Analysis	3
MGMT 360	Principles of Management	3
MKT 300	Marketing	3
MKT 405	Consumer Behavior	3
MKT 608	Selling and Sales Force Management	3
Total Credit Hours		120

¹ Required major courses may also count towards General Education and/or LAS Competencies. Students will need to select additional electives to reach 120 credit hours required for graduation with assistance from an advisor.