

Notes

- Students are required to complete 77 credit hours.
- The major is jointly administered by the departments of Management and Chemistry.
- Strongly recommended additional electives include: BUS 340 Strategy and the remaining course from BUS 250 OR BUS 260 (whichever not taken for major core).
- See PLAN Requirements on the next page for all-college requirements.

Major Core

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
First Year			
CHEM 111 OR CHEM 113 OR CHEM 115	Introductory Chemistry: Inorganic or Principles of Chemistry or Advanced General Chemistry (all Fall)	4	
CHEM 216	Quantitative Analysis (Spring)	4	
MATH 120	Calculus I (Fall or Spring, prerequisite for PHYS 114)	4	
MATH 121	Calculus II (Fall or Spring, prerequisite for PHYS 115)	4	
Sophomore Year			
CHEM 224	Organic Chemistry I (Fall)	4	
CHEM 225	Organic Chemistry II (Spring)	4	
BUS 100	Foundations of Business and Management (Fall or Spring)	4	
ACCT 110	Financial Accounting (Fall or Spring)	4	
ECON 100	Principles of Microeconomics (Fall or Spring)	4	
Junior Year			
PHYS 112	Fundamentals of Physics I (Fall)	4	
PHYS 113	Fundamentals of Physics II (Spring)	4	
ECON 101	Principles of Macroeconomics (Fall or Spring)	4	
BUS 234	Organizational Communication and Behavior (Fall or Spring)	4	
MATH 118	Introductory Statistics (or MATH 227 or 229) (Fall or Spring)	4	
Senior Year			
CHEM 331 OR CHEM 332	Thermodynamics and Kinetics (Fall) OR Quantum Mechanics and Molecular Structure (Spring)	4	
BUS 250 OR BUS 260	Principles of Marketing OR Principles of Finance (both Fall or Spring)	4	
CHEM 390	Chemistry Seminar (Fall or Spring)	1	

Chemistry Elective

Complete ONE 300-level Chemistry elective.

Course Selected	Credits	Completed
	4	

(see capstone on next page)

Capstone

The capstone requirement is typically fulfilled by BUS 370 Internship (8 credit hours) in a project related to the management or financial aspects of science related organizations, such as science museums or hospital laboratories. These internships are administered by the business program according to the normal procedures of BUS 370. In rare instances, the capstone may be fulfilled by CHEM 355 (8 credit hours) or by a non-science related internship in BUS 370.

Course #	Course Title	Credits	Completed
		8	

PLAN Requirements

Year	Semester	Course Title	Credits	Complete
One	Fall	BOS 101: The Boston Course	4	
		SIM 101: The Simmons Course: Explore	2	
	Spring	LDR 101: The Leadership Course	4	
Two	Fall or Spring	The Learning Community: Two discipline courses & one integrative seminar	8	
		SIM 201: The Simmons Course: Experience	1	
Three	Fall or Spring	SIM 301: The Simmons Course: Excel	1	
Three & Four	Fall or Spring	3D*– Design Across Diverse Disciplines	12	
Any	Requirements		Course Selected	
	Language: Two semesters in the same language, taken sequentially and strongly encouraged to complete within their first two years.			4
				4
	Quantitative Literacy (QL)		MATH 120 (or higher)	4
	Key Content Areas** (KCAs)	Aesthetic, Literary and Artistic (ALA)		4
		Global Cultural (GC)		4
		Scientific Inquiry (SCI)	CHEM 111/113/115	4
		Social and Historical (SH)	BUS 100	4

*3D– Design Across Diverse Disciplines– requirement may be met with one course in your major, and two additional courses that may also count as KCAs.

**KCAs – May be covered by Major, Learning Community and/or 3D courses.

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