

Notes

- Students are required to complete 63-67 credit hours for the Chemistry track.
- BIOL 245 and PHIL 139 are offered every other year. Take care to plan course sequence.
- See PLAN Requirements below for all-college requirements.

Major Core

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
First Year			
BIOL 113/115	General Biology or Advanced General Biology (Fall)	4	
CHEM 111/113/115	Introductory Chemistry: Inorganic, 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			
MATH 118 or MATH 227	Introductory to Statistics (Fall or Spring) or Intermediate Statistics: Design & Analysis (Fall or Spring)	4	
CHEM 224	Organic Chemistry I (Fall)	4	
PHYS 114	Fundamentals of Physics I (Fall)	4	
PHYS 115	Fundamentals of Physics II (Spring)	4	
Junior or Senior Year			
BIOL 104 or BIOL 245	Introduction to Environmental Science (Spring) or Principles of Ecology (every other Fall, even years)	4	
ENVI 201	Environmental Forum (Spring, COF course)	2	
CHEM 327 or CHEM 331	Energy and Global Warming (every other Spring) or Thermodynamics and Kinetics (Fall)	4	
PHIL 139	Environmental Ethics (Spring)	4	
Senior Year			
CHEM 390	Chemistry Seminar (Fall or Spring)	1	

Chemistry Electives

Choose TWO courses from the following.

Course Selected	Credits	Completed
	4	
	4	

CHEM 225 Organic Chemistry II
CHEM 242 Mechanistic Toxicology
CHEM 341 Advanced Analytical Chemistry

Capstone

Complete 4-8 credit hours to fulfill the Capstone Requirement in Biology or Chemistry (typically BIOL 350, BIOL 355, BIOL 370, or CHEM 350).

Courses Selected	Credits	Completed

PLAN Requirements

Year	Semester	Course Title	Credits	Completed
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)	BIOL 113	4
		Social and Historical (SH)	PHIL 139	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** – Maybe covered by Major, Learning Community and/or 3D courses.

Department Contact

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