

Notes

- Students are required to complete 56 credit hours.
- See PLAN Requirements section on the next page for all college requirements.
- Students who plan to apply to graduate programs in Biology (including medical/dental/veterinary school) should review Academic Planning worksheets for those Pre-Health tracks and contact their Faculty advisor or the Pre-Health Advisor for additional requirements.

Core Requirements

Majors will complete a core of the following courses.

Course #	Course Title	Credits	Completed
First Year			
CHEM 111/ 113/ 115	Introductory Chemistry: Inorganic, Principles of Chemistry, or Advanced General Chemistry (all Fall, based on placement test)	4	
MATH 118/ 120	Statistics (Math 118 or 227) or Calculus I (Math 120 or 229) (Fall or Spring)	4	
BIOL 113/ 115	General Biology or Advanced General Biology (Fall)	4	
BIOL 218	Principles of Zoology (Spring)	4	
Sophomore Year			
BIOL 222	Animal Physiology (Fall)	4	
BIOL 225	Cell Biology (Spring)	4	
CHEM 224	Organic Chemistry I (Fall)	4	
CHEM 225	Organic Chemistry II (Spring)	4	
Junior Year			
BIOL 336	Genetics (Fall)	4	

Major Electives

THREE more Biology Courses (two courses must be at the 300 -level; the third may be at 200- or 300-level).

Courses Selected	Credits	Completed
	4	
	4	
	4	

Capstone

Complete 8 credit hours to fulfill the Capstone Requirement in Biology (BIOL 350, BIOL 355 and BIOL 370).

Course Selected	Credits	Completed

PLAN Requirements

Year	Semester		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 118 (or higher) or 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)			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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