

PROGRAM IN BIOLOGY: BA IN BIOLOGY

FRESHMAN YEAR	1st Semester		2nd Semester				
	lec	lb	lec	lb			
BIOL 1210L/1220L		1		1	Foundations of Biology		
BIOL 1230/1230L	3	1			General Biology I		
BIOL1240/1240L			3	1	General Biology II		
CHEM 1010/1010D/1011L	3	1			General Chemistry I		
CHEM 1020/1020D/1021L			3	1	General Chemistry II		
FOUNDATIONS CORE (ENGL 1000/1010)	3				College Writing		
FOUNDATIONS CORE (ENGL 1020/1023H)			3		Advanced Rhetoric and Composition		
FOUNDATIONS CORE (XCOR 1000)	1				The College Experience		
FOUNDATIONS CORE (XCOR 1011, or XCOR 1012)			3		Connecting Communities		
FOUNDATIONS CORE (MATH 1020)	3				Statistics		
	16		15			year total	31
						cumulative total	31
SOPHOMORE YEAR	1st Semester		2nd Semester				
	lec	lb	lec	lb			
BIOL 2000/2000L	3	1			Biodiversity		
BIOL 2010/2010L			3	1	General Microbiology		
CHEM 2210,2210D	3				Organic Chemistry I		
EXPLORATIONS CORE	3				The Human Past		
EXPLORATIONS CORE	3				The Examined Life		
EXPLORATIONS CORE			3		Human Behavior		
EXPLORATIONS CORE			3		Creative Expression and Engagement		
Minor	3		3				
Free Elective			3		Free Elective		
	16		16			year total	32
						cumulative total	63
JUNIOR YEAR	1st Semester		2nd Semester				
	lec	lb	lec	lb			
BIOL 3110/3110L	3	1			Genetics		
BIOL Electives			4		Biology Electives		
PHYS 1010, 1530, 2010 or IPSC	3				Physical Science *		
EXPLORATIONS CORE	3				Faith and Society		
EXPLORATIONS CORE			3		African American Heritage and Legacies		
Minor	3		3				
Free Elective	3		3		Free Elective		
	16		13			year total	29
						cumulative total	92
SENIOR YEAR	1st Semester		2nd Semester				
	lec	lb	lec	lb			
BIOL Electives	4		7		Biology Electives		
BIOL 4230	3				Senior Capstone		
BIOL 4999	0				Senior Comprehensive Exam		
ENGAGEMENTS CORE	3				Engaging the Mission		
ENGAGEMENTS CORE			3		Engaging Global Issues		
Minor	3		3				
Free Electives	2				Free Elective		
	15		13			year total	28
						grand total	120

NOTE: CAPSTONE CORE/"Senior Capstone" is satisfied by BIOL 4230

SUMMARY BA

Foundations	13	NOTE: The required MATH 1020 satisfies "Quantiative Reasoning" and is counted in the FOUNDATIONS CORE
Explorations	21	
Engagements	6	NOTE: ENGAGEMENTS CORE/"Senior Capstone" is satisfied by BIOL 4230, counted in Biology Required NOTE: Three hours of the required BIOL 12301230L satisfies "Scientific Reasoning" and is counted in the EXPLORATIONS CORE
Biology Major	22	
Biology Electives	15	
Chemistry Required	11	51 TOTAL MAJOR:
Physical Science Required	3	
Minor	18	
Free Electives	11	
grand total	120	

CORE CURRICULUM TEMPLATE FOR CAS PROGRAMS

Freshman Year

First Semester

XCOR 1000 (1), College Writing (3), Quantitative Reasoning (3)

BIOL 1210L (1)

EXPLORATIONS (BIOL 1230) (3)

BIOL 1230L (1)

CHEM 1010/1010D/1011L (4)

Semester Hours: (total number of hours for the semester)

16

Second Semester

Advanced Rhetoric and Composition (3)

XCOR 1011 or XCOR 1012 (3)

BIOL 1220L (1)

BIOL1240/1240L (4)

CHEM 1020/1020D/1021L (4)

Semester Hours: (total number of hours for the semester)

15

Sophomore Year

First Semester

The Human Past (3), The Examined Life (3)

BIOL 2000/2000L (4)

CHEM 2210,2210D (3)

Minor (3)

Semester Hours: (total number of hours for the semester)

16

Second Semester

Human behavior (3), Creative Exp. & Engag. (3)

BIOL 2010/2010L (4)

Minor (3)

Free Elective (3)

Semester Hours: (total number of hours for the semester)

16

Junior Year

First Semester

Faith & Society (3)

BIOL 3110/3110L (4)

Physical Science (3)

Minor (3)

Free Elective (3)

Semester Hours: (total number of hours for the semester)

16

Second Semester

Af. Amer. Heritage & Legacies (3)

BIOL Electives (4)

Minor (3)	
Free Elective (3)	
Semester Hours: (total number of hours for the semester)	13
Senior Year	
First Semester	
XCOR 3010 (3)	
BIOL Electives (4)	
BIOL 4230 (3)	
BIOL 4999 (0)	
Minor (3)	
Free Electives (2)	
Semester Hours: (total number of hours for the semester)	15
Second Semester	
BIOL Electives (7)	
XCOR 3020 (3)	
Minor (3)	
Semester Hours: (total number of hours for the semester)	13
Summary	
Foundations (13)	13
XCOR 1000 (1), XCORE 1011 (3) College Writing (3), Advanced Rhetoric & Composition (3), Quantitative Reasoning (3)	
Explorations (21)	21
Af. Amer. Heritage & Legacies (3), Creative Expression and Engagements (3) Faith and Society (3), The Human Past (3), Scientific Reasoning (3) Human Behavior (3), The Examined Life (3)	
Engagements (6)	6
XCOR 3010 (3), XCOR 3020 (3), Senior Capstone	
Major (Total number of hours of Major courses)	51
BIOL 1210L/1220L (2)	
BIOL 1230/1230L (1*)	
BIOL1240/1240L (4)	
BIOL 2000/2000L (4)	
BIOL 2010/2010L (4)	
BIOL 3110/3110L (4)	
Biol 4230 (3)	
Biol 4999 (0)	
Biol Electives (15)	
CHEM 1010/1010D/1011L (4)	
CHEM 1020/1020D/1021L (4)	
CHEM 2210,2210D (3)	
MATH 1020 (0*)	
Physical Science (3)	
* counted under the university core	
Minor (Total number of hours of Minor courses)	18
Free Electives	11
TOTAL Hours (total number of program hours)	120