

BIO General Curriculum, 2 years on quarters plus 2 years on semesters (Fall 2024 Start)									
Year 1			Year 2			Year 3		Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2	Semester 1	Semester 2
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	BIO 263 (4Q)	Ecology or Physiology (4Q)	Ecology or Physiology (4Q)	Bioscience Elective (3)	Bioscience Elective (4)	BIO 461/462/463 (2)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	CHEM 216 or CHEM 312 (5Q)	Biodiversity (4Q)		Approved Elective (4)	4000-level elective (4)	4000-level elective (3)	4000-level elective (4)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	STAT 218 (4Q)	BIO 351 (5Q)		PHYS 1121 (4) or Tech Elective (3-4)	PHYS 1121 (4) or Tech Elective (3-4)	Bioscience Elective (4)	Approved Elective (3)
GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	Approved Elective (4)		GE (3)	GE (3)	Approved Elective (4)	GE (3)
				GE (4Q)	GE (4Q)	Free elective (2)		GE (3)	Free elective (3)

10.67	10.67	10.67	11.33	9.67	9.67	16	15	16	15	124.7	Semester Units
16	16	16	17	14.5	14.5	24	22.5	24	22.5	187.0	Quarter Units

Bio Core	24
4000-level electives	11
Bioscience Electives	11
Approved Electives	16
Major Total	62

Support	26.33
GE	30.67
Free elective	5

At least 4 units of approved electives must be upper-division

4000-level, Bioscience, and approved electives can be taken in any order that satisfies course prerequisites; this flowchart shows only one example.

Tech elective - take one of: CHEM 2244, CSC 1001/1001L, GEOG 2218, MATH 1265, NR 2218, PHYS 1123, STAT 1810, STAT 3520

Note: This flowchart shows excess 4000-level elective units. Only 9 units are required, but any excess can be applied to "Bioscience electives" and "Approved electives."

The elective requirements include 9 units of 4000-level electives, 9 units of "Bioscience electives", and 16 units of "Approved electives"

BIO Anatomy & Physiology Concentration, 2 years on quarters plus 2 years on semesters (Fall 2024 Start)

Year 1			Year 2			Year 3		Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2	Semester 1	Semester 2
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	BIO 263 (4Q)	Ecology or Physiology (4Q)	Ecology or Physiology (4Q)	BIO 4431 (4) or BIO 4432 (4)	BIO 4431 (4) or BIO 4432 (4)	BIO 461/462/463 (2)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	CHEM 216 or CHEM 312 (5Q)	Biodiversity (4Q)		Approved Elective (3)	A&P Elective (4)	Chem 3352 (4)	A&P Elective (4)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	GE (4Q)	STAT 218 (4Q)		PHYS 1121 (4) or Tech Elective (3-4)	PHYS 1121 (4) or Tech Elective (3-4)	A&P Elective (3)	Approved Elective (4)
GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	Approved Elective (4Q)	GE (4Q)	GE (3)	GE (3)	Approved Elective (4)	GE (3)
				BIO 351 (5Q)		Free elective (2)		GE (3)	
				Free elective (1Q)				Free elective (3)	

8.67	10.67	10.67	11.33	10.33	9.67	15.5	14.5	16	14	121.3	Semester Units
13	16	16	17	15.5	14.5	22.75	21.75	22.5	21	180.0	Quarter Units

Bio Core	24
A&P Core	12
A&P Electives	11
Approved Electives	11
Major Total	58

Support	26.33
GE	33.67
Free elective	6.33

At least 3 units of approved electives must be upper-division

Tech elective - take one of: CHEM 2244, CSC 1001/1001L, GEOG 2218, MATH 1265, NR 2218, PHYS 1123, STAT 1810, STAT 3520

A&P electives - take at least 11 units from: BIO 2255, 3333, 4413, 4433, 4434, 4436, 4437, 4452, 4456, CHEM 3354

4000-level, Bioscience, and approved electives can be taken in any order that satisfies course prerequisites; this flowchart shows only one example.

BIO EEBC Concentration, 2 years on quarters plus 2 years on semesters (Fall 2024 Start)									
Year 1			Year 2			Year 3		Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2	Semester 1	Semester 2
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	BIO 263 (4Q)	Ecology or Biodiversity (4Q)	Ecology or Biodiversity (4Q)	EEBC Core (4S)	EEBC Core (4S)	BIO 461/462/463 (2S)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	CHEM 216 or CHEM 312 (5Q)	Physiology (4Q)	BIO 351 (5Q)	EEBC Core (3S)	EEBC Core (3S)	EEBC Core (4S)	EEBC Core (4S)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	GE (4Q)	Stat 218 (4Q)	GE (4Q)	PHYS 1121 (4) or Tech Elective (3-4)	Approved Elective (4S)	Approved Elective (4S)	Approved Elective (4S)
GE (4Q)	GE (4Q)	GE (4Q)	Free elective (3Q)	GE (4Q)	Free elective (3Q)	GE (3S)	GE (3S)	GE (3S)	GE (3S)
								Free elective (2S)	Free elective (2S)

10.67	10.67	10.67	10.67	10.67	10.67	14	14	14	14	120.0	Semester Units
16	16	16	16	16	16	21	21	21	21	180.0	Quarter Units

Bio Core	24
EEBC Core (Ecology, Evolution, Conservation, Biodiversity)	22
Approved Electives	12
Major Total	58

Support	23.33
GE	30.67
Free elective	6.67

At least 4 units of approved electives must be upper-division

4000-level, Bioscience, and approved electives can be taken in any order that satisfies course prerequisites; this flowchart shows only one example.

Tech elective - take one of: CHEM 2244, CSC 1001/1001L, GEOG 2218, MATH 1265, NR 2218, PHYS 1123, STAT 1810, STAT 3520

BIO Molecular and Cellular Biology Concentration, 2 yrs on quarters plus 2 years on semesters (Fall 2024 Start)

Year 1			Year 2			Year 3		Year 4			
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2	Semester 1	Semester 2		
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	BIO 263 (4Q)	Physiology (4Q)	BIO 351 (5Q)	BIO 4457 (3S)	BIO 4452 (3S)	BIO 4461/462/463 (2S)			
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	MCRO 224 (5Q)	CHEM 217 (3Q)	Ecology (4Q)	Approved Elective (4S)	Advanced Elective (3S)	Advanced Elective (4S)	Advanced Elective (3S)		
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	CHEM 216 (5Q)	CHEM 220 (1Q)	GE (4Q)	PHYS 1121 (4S) or Tech Elective (3-4S)	PHYS 1121 (4S) or Tech Elective (3-4S)	Approved Elective (4S)	Approved Elective (3S)		
GE (4Q)	GE (4Q)	GE (4Q)		STAT 218 (4Q)	GE (4Q)	GE (3S)	GE (3S)	GE (3S)	Approved Elective (3S)		
				GE (4Q)		Free elective (2S)	GE (3S)	Free elective (2S)	GE (3S)		
10.67	10.67	10.67	9.33	10.67	11.33	16	16	14	13	122.3	Semester Units
16	16	16	14	16	17	24	24	21	19.5	183.5	Quarter Units

Bio Core	21.33
MCB Core	6
Advanced electives	10
Approved Electives	17.33
Major Total	54.66

Support	29
GE	33.67
Free elective	4

At least 7 units of approved electives must be upper-division

Tech elective - take one of: CHEM 2244, CSC 1001/1001L, GEOG 2218, MATH 1265, NR 2218, PHYS 1123, STAT 1810, STAT 3520

Advanced Electives - take 9 units from BIO 4451, 4455, 4456, CHEM 3352, MCRO 4402