

BIO General Curriculum, 3 years on quarters plus 1 year on semesters (Fall 2023 Start)

Year 1			Year 2			Year 3			Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	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 (4Q)	400-Level Elective (4Q)	400-Level Elective (4Q)	BIO 461/462/463 (2S)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	CHEM 216 or CHEM 312 (5Q)	Biodiversity (4Q)		Approved Elective (4Q)	Approved Elective (4Q)	BioScience Elective (4Q)	4000-Level Elective (4S)	BioScience Elective (3S)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	GE (4Q)	STAT 218 (4Q)		PHYS 121 (4Q)	PHYS 122 (4Q)	PHYS 123 (4Q)	Approved Elective (3S)	Approved Elective (4S)
GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (3S)	GE (3S)
				BIO 351 (5Q)					Free elective (2S)	Free elective (2S)
				Free elective (1Q)	Free elective (1Q)					

10.67	10.67	10.67	11.33	10.33	10.33	10.67	10.67	10.67	15	12	123.0	Semester Units
16.0	16.0	16.0	17.0	15.5	15.5	16.0	16.0	16.0	22.5	18.0	184.5	Quarter Units

Bio Core	24
4000-level electives	9.33
BioScience Electives	8.33
Approved Electives	12.33
Major Total	54.0

Support	27.33
GE	33
Free elective	5.33

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: Students who adopt the 2026-28 semester catalog require 11 GE courses but 13 courses are shown on the flowchart

Note: Some of the BIO core requirements on the quarter catalog can count as electives for students who switch to the 2026-28 semester catalog

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

BIO Anatomy & Physiology Concentration, 3years on quarters plus 1 year on semesters (Fall 2023 Start)

Year 1			Year 2			Year 3			Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	BIO 263 (4Q)	Ecology or Physiology (4Q)	Ecology or Physiology (4Q)	Core A&P Course (4Q)	Core A&P Course (4Q)	Core A&P Course (4Q)	BIO 461/462/463 (2S)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	CHEM 216 or CHEM 312 (5Q)	Biodiversity (4Q)		Approved Elective (4Q)	Approved Elective (4Q)	Approved Elective (4Q)	Chem 3352 (4S)	A&P Elective (3S)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	GE (4Q)	STAT 218 (4Q)		PHYS 121 (4Q)	PHYS 122 (4Q)	PHYS 123 (4Q)	A&P Elective (3S)	GE (3S)
Free elective (1Q)	GE (4Q)	GE (4Q)	GE (4Q)	Approved Elective (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	GE (3S)	Free elective (4S)
				BIO 351 (5Q)						
				Free elective (1Q)						

8.67	10.67	10.67	11.33	10.33	9.67	10.67	10.67	10.67	11	11	115.3	Semester Units
13	16	16	17	15.5	14.5	16	16	16	16.5	16.5	173.0	Quarter Units

Bio Core	24
Core A&P Courses	11
A&P Electives	6
Approved Electives	10.67
Major Total	51.67

Support	27.33
GE	32.67
Free elective	5.33

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

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, 3 years on quarters plus 1 year on semesters (Fall 2023 Start)

Year 1			Year 2			Year 3			Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	Bio 263 (4Q)	Ecology (4Q)	Genetics (5Q)	Physiology (4Q)	EEBC Core (4Q)	BIO 413 or 414 (4Q)	BIO 461/462/463 (2S)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	Stat 218 (4Q)	Chem 216 or 312 (5Q)	GEOG 218 (2Q)	EEBC Core (4Q)	PHYS 122 (4Q)	EEBC Core (4Q)	EEBC Core (4S)	EEBC Core (4S)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	GE (4Q)	GE (4Q)	BIO 363 (4Q)	PHYS 121 (4Q)	GE (4Q)	Approved Elective (4Q)	Approved Elective (4S)	Approved Elective (4S)
GE (4Q)	GE (4Q)	GE (4Q)	GE (4Q)	Free elective (2Q)	GE (4Q)	GE (4Q)	Free elective (3Q)	GE (4Q)	GE (3S)	GE (3S)
									Free elective (2S)	

10.67	10.67	10.67	10.67	10.00	10.00	10.67	10.00	10.67	13	13	120.0	Semester Units
16	16	16	16	15	15	16	15	16	19.5	19.5	180.0	Quarter Units

Bio Core	24
EEBC Core (Ecology, Evolution, Conservation, Biodiversity)	20
Approved Electives	10.67
Major Total	54.67

Support	24.67
GE	35.33
Free elective	5.33

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: Students who adopt the 2026-28 semester catalog require 11 GE courses but 13 courses are shown on the flowchart

BIO Molecular and Cellular Biology Concentration, 3 yrs on quarters plus 1 year on semesters (Fall 2023 Start)

Year 1			Year 2			Year 3			Year 4	
Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Quarter 1	Quarter 2	Quarter 3	Semester 1	Semester 2
BIO 150 (4Q)	BIO 161 (4Q)	BIO 162 (4Q)	BIO 263 (4Q)	Physiology (4Q)	BIO 351 (5Q)	Advanced Elective (4Q)	BIO 475 (3Q)	BIO 452 (4Q)	BIO 4461/462/463 (2S)	
CHEM 127 (4Q)	CHEM 128 (4Q)	CHEM 129 (4Q)	MCRO 224 (5Q)	CHEM 217 (3Q)	Ecology (4Q)	PHYS 121 (4Q)	Approved Elective (4Q)	Approved Elective (4Q)	Advanced Elective (4S)	Advanced Elective (3S)
GE (4Q)	MATH 161 (4Q)	MATH 162 (4Q)	CHEM 216 (5Q)	CHEM 220 (1Q)	GE (4Q)	GE (4Q)	PHYS 122 (4Q)	PHYS 123 (4Q)	Approved Elective (4S)	Approved Elective (3S)
GE (4Q)	GE (4Q)	GE (4Q)		STAT 218 (4Q)	GE (4Q)	Free elective (2Q)	GE (4Q)	GE (4Q)	GE (3S)	Approved Elective (3S)
				GE (4Q)					Free elective (2S)	GE (3S)

10.67	10.67	10.67	9.33	10.67	11.33	9.33	10.00	10.67	14	13	120.3	Semester Units
16	16	16	14	16	17	14	15	16	21	19.5	180.5	Quarter Units

Bio Core	21.33
MCB Core	4.67
Advanced electives	9.67
Approved Electives	18.67
Major Total	54.34

Support	30
GE	32.67
Free elective	3.33

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

Note: Students who adopt the 2026-28 semester catalog require 11 GE courses but 12 courses are shown on the flowchart