

BIO General Curriculum (Semesters)							
Year 1		Year 2		Year 3		Year 4	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
BIO 1150 (4) or BIO 1151 (4)	BIO 1150 (4) or BIO 1151 (4)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	Bioscience Elective (4)	Bioscience Elective (4)	BIO 461/462/463 (2)	
CHEM 1120 (4)	CHEM 1122 (4)	CHEM 2240 (4) or CHEM 2242 (5)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	Approved Elective (4)	4000-level elective (4)	4000-level elective (4)	4000-level elective (4)
STAT 1110 (3)	MATH 1264 (4)	PHYS 1121 (4) or Tech Elective (3-4)	PHYS 1121 (4) or Tech Elective (3-4)	GE (3)	Approved Elective (3)	Approved Elective (4)	Approved Elective (3)
GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)
				Free elective (2)	Free elective (2)	GE (3)	GE (3)
						Free elective (2)	

14	15	15	14	16	16	15	15	120.0	Semester Units
21	22.5	21.75	21	24	22.75	24.75	22.5	180.3	Quarter Units

Students who are not calculus-ready will be block-registered into MATH 1005 or MATH 1007 in semester 1 yr 1 instead of STAT 1100; they will have to take STAT in a later term.

Bio Core	21
4000-level electives	9
Bioscience Electives	9
Approved Electives	16
Major Total	55

Support	26-28
GE	33
Free elective	4-6

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 (Semester Curriculum)

Year 1		Year 2		Year 3		Year 4	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
BIO 1150 (4) or BIO 1151 (4)	BIO 1150 (4) or BIO 1151 (4)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	BIO 4431 (4) or BIO 4432 (4)	BIO 4431 (4) or BIO 4432 (4)	BIO 461/462/463 (2)	
CHEM 1120 (4)	CHEM 1122 (4)	CHEM 2240 (4) or CHEM 2242 (5)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	Approved Elective (4)	A&P Elective (4)	Chem 3352 (4)	A&P Elective (4)
STAT 1110 (3)	MATH 1264 (4)	PHYS 1121 (4) or Tech Elective (3-4)	PHYS 1121 (4) or Tech Elective (3-4)	GE (3)	Approved Elective (4)	A&P Elective (3)	Approved Elective (3)
GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)
				Free elective (2)	Free elective (1)	GE (3)	GE (3)
						Free elective (2 to 3)	

14	15	14.5	14	16	16	15.5	15	120.0	Semester Units
21	22.5	21.75	21	24	24	23.25	22.5	180.0	Quarter Units

Students who are not calculus-ready will be block-registered into MATH 1005 or MATH 1007 in semester 1 yr 1 instead of STAT 1100; they will take STAT in a future term.

Bio Core	21
A&P Core	12
A&P electives	11
Approved Electives	11
Major Total	55

Support	26-27
GE	33
Free elective	5-6

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 (Semester Curriculum)

Year 1		Year 2		Year 3		Year 4			
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2		
BIO 1150 (4) or BIO 1151 (4)	BIO 1150 (4) or BIO 1151 (4)	BIO 2253 (4)	BIO 3351 (3) or BIO 3352 (4)	BIO 3351 (3) or BIO 3352 (4)	EEBC Core (4)	BIO 461/462/463 (2)			
CHEM 1120 (4)	CHEM 1122 (4)	CHEM 2240 (4) or CHEM 2242 (5)	EEBC Core (3-4) (Biodiversity)	EEBC Core (3-4)	EEBC Core (4)	EEBC Core (4)	EEBC Core (4)		
STAT 1110 (3)	MATH 1264 (4)	PHYS 1121 (4) or Tech Elective (3-4)	PHYS 1121 (4) or Tech Elective (3-4)	GE (3)	Approved Elective (4)	Approved Elective (4)	Approved Elective (4)		
GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)		
				Free elective (2)	Free elective (1-2)	GE (3)	GE (3)		
						Free elective (2)			
14	15	14-15	12-15	14-17	16-17	16	16	119-122	Semester Units

Students who are not calculus-ready will be block-registered into MATH 1005 or MATH 1007 in semester 1 yr 1 instead of STAT 1100; they will take STAT in a future term.

Bio Core	21
EEBC Core (Ecology, Evolution, Conservation, Biodiversity)	22
Approved Electives	12
Major Total	55

Support	26-27
GE	33
Free elective	5-6

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

EEBC core classes can be taken in any order that satisfies prerequisites

EEBC Core is - Ecology: take 2 classes from BIO 3327, 4442, 4444, 4446, 4447, BOT 3326, MSCI 3300

Evolution: take either BIO 4413 or 4414 [recommended for year 4]

Conservation: take one of BIO 3343, MSCI 4439

Biodiversity: take two of BIO 3321, 3322, 3323, 3324, 3325, 3326, 3328, 4429, BOT 3313, 4433, MSCI 3324 [take one in year 2]

BIO Molecular and Cellular Biology Concentration (Semester Curriculum)

Year 1		Year 2		Year 3		Year 4	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
BIO 1150 (4) or BIO 1151 (4)	BIO 1150 (4) or BIO 1151 (4)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	BIO 4457 (3)	BIO 4452 (3)	BIO 4461/462/463 (2)	
CHEM 1120 (4)	CHEM 1122 (4)	BIO 2255 (1)	BIO 2253 (4) or BIO 3351(3) or BIO 3352 (4)	Approved Elective (4)	Advanced Elective (3)	Advanced Elective (4)	Advanced Elective (3)
STAT 1110 (3)	MATH 1264 (4)	CHEM 2240 (4) or CHEM 2242 (5)	PHYS 1121 (4) or Tech Elective (3-4)	PHYS 1121 (4) or Tech Elective (3-4)	Approved Elective (4)	Approved Elective (4)	Approved Elective (3)
GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	GE (3)	Approved Elective (2)
		GE (3)	Free elective (1-2)	Free elective (2)	GE (3)	GE (3)	GE (3)
						Free elective (2)	

14	15	15	16	15	16	16	13.5	120.5	Semester Units
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Students who are not calculus-ready will be block-registered into MATH 1005 or MATH 1007 in semester 1 yr 1 instead of STAT 1100; they will take STAT in a future term.

Bio Core	21
MCB Core	7
Advanced electives	10
Approved Electives	17
Major Total	55

Support	26.5
GE	33
Free elective	5.5

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