Bachelor of Science in Biological Sciences - Concentration in Cell and Molecular (Starting with ENGL 102 and MATH 115)

TOTAL UNITS TO DEGREE:

	Course	Course Title	Units			Course	Course Title	Units
FALL (Yr 1, Semester 1)					**SPRING (Yr 1, Semester 2)**			
*Prereq	MATH 115	Algebra	3		B2/LD Major	BIOL 140A	Principles of Cell & Mol. Biology	5
	MATH 15	College Algebra Workshop	1		*Prereq	MATH 120	Precalculus	3
A1	COMM 100	Communication	3		A2	ENGL 102	Accelerated College Writing (Eng Comp)	3
C1		Student choice	3		C2		Student choice	3
D1		Student choice	3		E	GS 101B	Foundations of Success II	1
E	GS 101A	Foundations of Success I	1					
		TOTAL:	**14**				**TOTAL:**	**15**
FALL (Yr 2, Semester 3)					**SPRING (Yr 2, Semester 4)**			
LD Major	BIOI 140B	Principles of Organismal Biology	5		LD Major	CHEM 112	General Chemistry II	5
B1/LD Major	CHEM 111	General Chemistry I	5		UD Major	BIOL 410	Genetic Analysis II	3
UD Major	BIOL 310	Genetic Analysis I	4		B4/LD Major	MATH 130	Calculus	4
A3	PHIL 100	Workshop in Critical Thinking	3		2nd Comp	ENGL 201	College Writing II	3
		TOTAL:	**17**				**TOTAL:**	**15**
FALL (Yr 3, Semester 5)					**SPRING (Yr 3, Semester 6)**			
B3/LD Major	PHYS 125	Principles of Physics I	4		LD Major	PHYS 126	Principles of Physics II	4
UD Major	CHEM 331	Organic Chemistry I	5		UD Major	CHEM 332	Organic Chemistry II	5
UD Major	BIOL 424	Bioinformatics	3		UD Major	BIOL 428	Genomics	3
D2/CODE 1		Student choice	3		D3/CODE 2		Student choice	3
		TOTAL:	**15**				**TOTAL:**	**15**
FALL (Yr 4, Semester 7)					**SPRING (Yr 4, Semester 8)**			
UD Major	CHEM 441	Biochemistry I	4		UD Major	BIOL 426	Advanced Mol. & Cell Biology	3
UD Major	BIOL 320	Evolutionary Biology	3		UD Major	BIOL 427	Mol and Cell Biology Lab	3
**UD Maj Elec		Student choice	3-5		**UD Maj Elec		Student choice	3-5
B6		Student Choice	3		C4		Student Choice	3
C3		Student choice	3		D4		Student Choice	3
		TOTAL:	**16-18**				**TOTAL:**	**15-17**

*Is a prerequisite for a required major course; does not count toward major unit count.

**A minimum of 7 upper division elective units required

Note: Placement of GE courses are suggestions and may be moved following consultation with an advisor