All Bachelor Programs require a minimum of 128 credits and a 2.00 cumulative average.

BS BIOLOGY — BIOTECHNOLOGY CONCENTRATION — NAMS

Academic Year 2019-2020 — **80 Program Credits**

A minimum GPA of **2.0** required in Program/Cognate Courses. Credit for BIOL 1200/05, 1400/05, 2600 & 2110/15 may only be earned with a **"C"** or better.

MATH 1100 Precalculus **OR**	(4)	**Choose THREE courses from the following:** CHEM 2130 Chemistry III; CHEM 2140 Chemistry IV; PHYS 2110/15 Physics for Life Sciences I **OR** PHYS 2220/25 Physics I; PHYS 2120/25 Physics for Life Sciences II **OR** PHYS 2230/35 Physics II	(4-5)
MATH 2215 Calculus I	(5)		
BIOL 1200/05 Cells & Molecules	(5)		
CHEM 2110/15 General Chemistry I w/lab	(5)	BIOL 3000 or 4999 level	(4)
BIOL 1400/05 Biodiversity & Evolution	(5)	BIOL 3000 or 4999 level	(4)
CHEM 2120/25 Chemistry II Organic w/lab	(5)	BIOL 3000 or 4999 level	(4)
BIOL 2110/15 Genetics w/lab	(4)	BIOL/Cognate	(4)
BIOL 2600 Scientific Literacy (Spring Soph Yr)	(1)	BIOL/Cognate	(4)
BIOL 4600 Biology Seminar	(1)		
BIOL 3180 Plant Physiology **OR** another Ecology course	(4)	**Other Biology/Cognates (CHEM, ENVL, MARS, GEOL, MATH, PHYS, SUST) if needed to equal program total of 80 credits**	
Choose ONE: BIOL 4211 Molecular Evolution, BIOL 4210 Molecular Genetics, BIOL/CHEM 3350 Biochemical Lab Methods, BIOL 4215 Biotechnology	(4)	BIOL/Cognate	( )
		BIOL/Cognate	( )
		BIOL/Cognate	( )
		BIOL/Cognate	( )
		BIOL/Cognate	( )

GENERAL STUDIES REQUIREMENTS: — 48 Total Credits

No more than 12 credits in any "G" category may be applied towards the BS degree. — **32 Credits**

GEN General Interdisciplinary		GNM General Natural Science & Math	
GIS-General Integration & Synthesis (Jr./Sr. yr.)		GNM	
GAH General Arts & Humanities		GSS General Social Science	
GAH		GSS	

AT SOME DISTANCE Electives - Courses unrelated to your major — 16 Credits

	(4)		(4)
	(4)		(4)

GENERAL STUDIES OUTCOME REQUIREMENT: These courses are listed as attributes and should be completed within the 128 credits needed to graduate.

(A) Arts	(V) Values/Ethics
(H) Historical Consciousness	(I) International/Multicultural

GENERAL STUDIES WRITING REQUIREMENT: (4 courses)
Two W1 courses may be in transfer. W2 courses must be taken at Stockton.

W1	W1/W2	W1/W2	W1/W2 at 3000 Level

GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)
Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.

Q1	Q2	Q1 or Q2

Prerequisites must be met, check course description on the web.

"The student is responsible for insuring that all graduation requirements are met" (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis.