

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

BA MARINE SCIENCE		Marine Biology Concentration	
Academic Year		Fall 2019-Fall 2020	64 Program Credits
All Marine Sciences students must earn a 2.0 GPA in all sciences and math courses		Choose one course from THREE of FOUR Groups: Group I: General Ecology BIOL 2100 Ecology OR (4) ENVL 2200/05 Ecological Principles (4)	
MARS 1200 Introduction to Marine Biology w/lab	(4)	Group II: Marine Plants MARS 3335 Marine Botany (4)	
MARS 2200 Marine Biology Methods & Analysis	(4)		
MARS 1300 Introduction to Oceanography	(4)		
CHEM 2110/15 Chemistry I w/lab	(5)		
CHEM 2120/25 Chemistry II organic w/lab	(5)		
BIOL 1200/05 Cells & Molecules	(5)		
BIOL 1400/05 Biodiversity & Evolution	(5)		
PHYS 2110/15 Physics for Life Sciences I w/lab	(6)		
Statistics 2000-4000 level	(4)		
MARS 2600 Marine Science Seminar	(1)		
Choose ONE Course MARS 3309 Coastal Oceanography w/lab (4) MARS 3361/65 Global Ocean Basins w/lab (4) GEOL 2210/15 Marine Geology w/lab (4) MARS 3420 Biological Oceanography (4)		Group III: Invertebrate taxonomy MARS 3300 Invertebrate Zoology (4)	
Choose ONE Course MARS 3306 Aquaculture (4) MARS 3307 Fisheries Science and Management (4) MARS 3201 Marine Conservation Ecology (4)		Group IV: Vertebrate taxonomy MARS 3340 Introduction to Ichthyology OR (4) MARS 3489 Marine Mammalogy (4)	
		MARS Cognates: BCMB, BIOL, CHEM, ENVL, GEOL, MATH, PHYS, or SUST	
GENERAL STUDIES REQUIREMENTS:		64 Total Credits	
No more than 16 credits in any "G" category may be applied towards the BA 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		32 Credits	
	(4)		(4)
	(4)		(4)
	(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

"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. Prerequisites must be met. Please

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consult the Catalog of Courses for information

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