

Sample 4-year Degree Plan for Bachelor of Science in Marine Biology

Last Revised 2023-2024

*This is ONLY a sample degree plan. Please meet with your academic advisor prior to registration to formulate your own plan, and for additional information refer to the [academic catalog](#).
If you were placed into introductory Writing and/or Mathematics courses based on your placement and/or test scores, please consult with your academic advisor to develop a degree plan.

Year	Fall Semester		Spring Semester	
1st	BIOL 2050 General Biology I	4	BIOL 2052 General Biology II	4
	BIOL 2051 General Biology I Lab	1	BIOL 2053 General Biology II Lab	1
	MATH 1150 Pre-Calculus (GE QA&SR)	3	GE Hawaii and the Pacific	3
	WRI 1100 GE WC&IL 1	3	WRI 1200 (GE WC&IL 2)	3
	GE Sustainable World	3	GE Global Crossroads	3
	UNIV 1000	1		
	Total Credits	15	Total Credits	14

Year	Fall Semester		Spring Semester	
2nd	CHEM 2050 General Chemistry I (GE Nat World)	3	CHEM 2052 General Chemistry II	3
	CHEM 2051 General Chemistry I Lab	1	CHEM 2053 General Chemistry II Lab	1
	PHYS 2030 College Physics 1	3	PHYS 2032 College Physics 2	3
	PHYS 2031 College Physics 1 Lab	1	PHYS 2033 College Physics 2 Lab	1
	MATH 2214 Calculus 1	3	MATH 2215 Calculus 2	3
	GE Technology & Innovation	3	MARS 1020 Field Techniques in Marine Science	3
	Unrestricted Elective	1		
	Total Credits	15	Total Credits	14

Year	Fall Semester		Spring Semester	
3rd	MARS 3000 General Oceanography	3	BIOL 3080 Ecology	3
	MARS 3001 Gen Oceanography Lab	1	BIOL 3081 Ecology Lab	1
	BIOL 3090 Biometry	3	MARS 3002 Ocean Biology	3
	BIOL 3070 Marine Vertebrate Zoology	3	MARS 3003 Ocean Biology Lab	1
	BIOL 3071 Marine Vertebrate Zoology Lab	1	BIOL 3030 Comparative Animal Physiology	3
	GE Trad and Movements that Shape the World	3	BIOL 3030 Comp Animal Physiology Lab	1
	Unrestricted Elective	3	Unrestricted Elective	3
	Total Credits	17	Total Credits	15

Year	Fall Semester		Spring Semester	
4th	MARS 4050 Marine Ecology	3	MARS 4910 Research Seminar in Marine Biology	3
	CHEM 3010 Fund Organic Chem and Biochem	3	MARS 4911 Research Exp. In Marine Biology	1
	GE Critical Thinking and Expression	3	BIOL 4040 Environmental Microbiology	3
	GE Creative Arts	3	BIOL 4041 Environmental Microbiology Lab	1
	Unrestricted Elective	3	GE American Experience	3
			BIOL 3054 Evolutionary Biology	3
			Unrestricted Elective	1
Total Credits	15	Total Credits	15	

** This schedule is only a suggestion; make sure you understand the necessary prerequisites for each course and consult with your Academic Advisor. Course availability subject to change; actual degree audits may change depending on course availability in a given semester.*

Baccalaureate Requirements

- Total Degree Credits Required = 120 credits of which a minimum of 36 are Upper-Division Credits (level 3000 and above)
- Completion of Major Requirements (*as indicated above*)
- Completion of General Education Requirements (*as indicated above*)
- Cumulative GPA of at least 2.0; Major GPA of at least 2.0
- Residency Requirements: 12 credits of major course work and 24 of the last 30 credits immediately preceding graduation (*Service member's Opportunity College students please see your academic advisor*)

For more information on our General Education curriculum please refer to our Academic Catalog or visit: <https://www.hpu.edu/gen-ed/index.html>