



Marine Science
Associate in Applied Science
Four Semester Pathway Academic Year 2025-2026

Fall 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS 100	Student Success Elective - Science, Engineering & Mathematics Pathway				1	
MATH 140	College Algebra		MATH 040		3	
MATH 146	Introduction to Trigonometry		MATH 040	MATH 140	1	
BIOL 124	Biology I with Lab		ENGL 080, MATH 040		4	
OCEA 105	Elements of Oceanography		ENGL 080	MATH 040	4	
OCEA 125	Seaside I: Marine Field Methods		BIOM program acceptance	OCEA 105	2	
Spring 1						
CHEM 120	General Chemistry I with Lab		ENGL 080	MATH 140	4	
BIOM 180	Phycology: Biology of Seaweeds with Lab	SPRING ONLY	BIOL 100 or BIOL 124		4	
	Social Science Elective	PSYC 100 Intro to Psychology or SOCI 100 Intro to Sociology			3	
BIOL 128 OR MATH 155	Biology II with Lab or Statistics		BIOL 124 MATH 040		3-4	
ENGL 100	English Composition		ENGL 080		3	
Fall 2						
CHEM 125	General Chemistry II with Lab		CHEM 120		4	
BIOM 170	Invertebrate Zoology	FALL ONLY	BIOL 100 or BIOL 124		4	
OCEA 225 OR GISS 150	Advanced Seaside Intro to Geographic Info Systems		OCEA 105, OCEA 125		2-3	
BIOL 250	Microbiology with Lab		BIOL 100 or BIOL 124 or BIOL 132		5	
Spring 2						
ENGL 115	Introduction to Literature		ENGL 100 or ENGL 101		3	
	Fine Arts or Humanities Elective				3	
BIOM 255	Ecology with Lab	SPRING ONLY	BIOL 100 or BIOL 124		4	
BIOM 265	Fishery Science with Lab	SPRING ONLY	BIOL 100 or BIOL 124		4	
OCEA 290	Capstone Research		OCEA 225 or GISS 150		2	
				Total Credits	63-65	



Marine Science

General Education Requirements					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL 100	English Composition	ENGL 080		3	
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
FIGS 100	Student Success Elective - Science, Engineering & Mathematics Pathway			1	
MATH 140	College Algebra	MATH 040		3	
MATH 146	Introduction to Trigonometry	MATH 040	MATH 140	1	
BIOL 124	Biology I with Lab	ENGL 080, MATH 040		4	
CHEM 120	General Chemistry I with Lab	ENGL 080	MATH 140	4	
	Fine Arts or Humanities Elective			3	
	Social Science Elective			3	

Major Required Courses					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
BIOL 250	Microbiology with Lab	BIOL 100 or BIOL 124 or BIOL 132		5	
BIOM 170	Invertebrate Zoology	BIOL 100 or BIOL 124		4	
BIOM 180	Phycology: Biology of Seaweeds with Lab	BIOL 100 or BIOL 124		4	
BIOM 255	Ecology with Lab	BIOL 100 or BIOL 124		4	
BIOM 265	Fishery Science with Lab	BIOL 100 or BIOL 124		4	
CHEM 125	General Chemistry II with Lab	CHEM 120		4	
OCEA 105	Elements of Oceanography with Lab	ENGL 080	MATH 040	4	
OCEA 125	Seatime I: Marine Field Methods	BIOM program acceptance	OCEA 105	2	
OCEA 225 OR GISS150	Advanced Seetime Intro to Geographic Info Systems	OCEA 105, OCEA 125		2-3	
OCEA 290	Capstone Research	OCEA 225 or GISS 150		2	
Choose either Biology II and Biology II Lab or Statistics:					
BIOL 128 OR	Biology II with Lab	BIOL 124		4	
MATH 155	Statistics	MATH 040		3	