

Marine Biology (MARB)

Freshman

Fall	Hours	Spring	Hours
BIOL 1020 Principles of Biology	3	BIOL 1030 Organismal Biology	3
BIOL 1021 Principles of Biology Laboratory	1	BIOL 1031 Organismal Biology Laboratory	1
ENGL 1100 English Composition I	3	ENGL 1120 English Composition II	3
MATH 1610 Calculus I	4	Core Social Science ²	3
CHEM 1030 Fundamentals Chemistry I	3	CHEM 1040 Fundamental Chemistry II	3
CHEM 1031 Fundamental Chemistry I Laboratory	1	CHEM 1041 Fundamental Chemistry II Laboratory	1
		BIOL 2100 Professional Development	1
	15		15

Sophomore

Fall	Hours	Spring	Hours	Summer	Hours
Core Literature	3	BIOL 3040 Biology of Marine Systems	3	SUMMER MARINE LAB⁴	8
PHYS 1500 General Physics I	4	PHYS 1510 General Physics II	4		
Core History	3	BIOL 3060 Ecology	4		
BIOL 3000 Genetics	3	CHEM 2030 Survey of Organic Chemistry	3		
BIOL 3001 General Genetics Laboratory	1				
	14		14		8

Junior

Fall	Hours	Spring	Hours	Summer	Hours
Core History or Literature ¹	3	BIOL 3200 General Microbiology	3	SUMMER MARINE LAB⁴	8
BIOL 3030 Evolution and Systematics	3	BIOL 3201 General Microbiology Laboratory	1		
BIOL 4010 Invertebrate Biodiversity	4	BIOL 4100 Cell Biology	3		
BCHE 3200 Principles of Biochemistry	3	STAT 2510 Statistics for Biological and Health Sciences	3		
		Core Social Science or Humanities ³	3		
	13		13		8

Senior

Fall	Hours	Spring	Hours
Core Humanities	3	BIOL 4950 Senior Seminar	1
Core Fine Arts	3	Biology Elective	3
Physiology Elective	3	MMCB Elective	3

Eco/Evo/Diversity Elective	3 Core Social Science ²	3
BIOL 4AA0 Professional Development II	0 UNIV 4AA0 Achieve the Creed	0
	12	10
Total Hours: 122		

- ¹ Students must complete a two-course sequence in either HIST or LIT (for example, World History 1 and 2 or American Lit 1 and 2). For complete HIST and LIT sequence options, see the *Bulletin*.
- ² Students who complete a HIST sequence other than HIST 1010 and HIST 1020 should talk to an advisor about CORE SOC SCI choices.
- ³ If a LIT sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a HIST sequence is chosen, this course must be a CORE HUMANITIES.
- ⁴ All courses taken at a Summer Marine Lab must receive departmental approval.