

Sample 4-Year Plan
B.S. Marine and Coastal Science – Marine Ecology & Organismal Biology

This is just one example of a schedule of coursework that will allow students to complete the degree in four years. There are many other possibilities; in addition, course offerings are subject to change and the suggested courses may not be available as listed. Students should work with their BASC and major advisors to come up with an individual plan that suits their needs and interests.

Note that the Marine and Coastal Science major with a focus area of Marine Ecology & Organismal Biology has different course requirements than the other three focus areas: Coastal Environmental Processes, Marine Environmental Chemistry, and Oceans and the Earth System.

With Courses at Bodega Marine Laboratory

	Fall	Winter	Spring	Summer
Year 1	CHE 2A (5) MAT 17A or 21A (4) BIS 2B (5) Lower Div College English (4) BIS 5 (1) Total: 19 units	CHE 2B (5) MAT 17B or 21B (4) BIS 2C (5) GE (4) Total: 18 units	CHE 2C (5) MAT 17C (4) BIS 2A (5) GE (4) GE (4) Total: 22 units	
Year 2	CHE 8A or 118A (2-4) PHY 7A or 9A (4-5) Depth Course (4-5) GE (4) GE (4) Total: 18-22 units	CHE 8B or 118B (4) PHY 7B or 9B (4-5) GEL 16 (3) – optional Depth Course (4-5) GE (4) Total: 19-21 units	CHE 118C (0-4) PHY 7C or 9C (4-5) STA 100 (4) GEL/ESP 116N* (3) EVE 12 (3) – optional Total: 14-19 units	Field Requirement: GEL/ESP 150C* (4) Focus Course (3) Research/Internship req. (3) Total: 10 units
Year 3	BIS 101 (4) BIS 101D (1) – optional Focus Course (3-4) Breadth Course (3-4) Upper Div College English (4) GE (4) Total: 19-21 units	BIS 105; or 102 then 103 (3-6) GEL/ESP 150B* (3) Focus Course (3-4) Breadth Course (3-4) GE (4) Total: 16-21 units	BIS 104 (3) GEL/ESP 150A* (4) Focus Course (3-4) Breadth Course (3-4) EVE/ESP 111 (1) Total: 14-16 units	

* Choose 3 from GEL/ESP 116N, 150A, 150B, and 150C.

See the general catalog for Depth, Focus, and Breadth course lists. See <https://eps.ucdavis.edu/students/undergrad/mcsci/planning> for when each MCS major class is offered.

With No Courses at Bodega Marine Laboratory

	Fall	Winter	Spring	Summer
Year 1	CHE 2A (5) MAT 17A or 21A (4) BIS 2B (5) Lower Div College English (4) BIS 5 (1) Total: 19 units	CHE 2B (5) MAT 17B or 21B (4) BIS 2C (5) GE (4) Total: 18 units	CHE 2C (5) MAT 17C (4) BIS 2A (5) GE (4) GE (4) Total: 22 units	
Year 2	CHE 8A or 118A (2-4) PHY 7A or 9A (4-5) Depth Course (4-5) GE (4) GE (4) Research/Internship req. (3) Total: 21-25 units	CHE 8B or 118B (4) PHY 7B or 9B (4-5) GEL 16 (3) – optional Depth Course (4-5) GE (4) Total: 19-21 units	CHE 118C (0-4) PHY 7C or 9C (4-5) STA 100 (4) GEL/ESP 116N* (3) EVE 12 (3) – optional Field req. course (4) Total: 18-23 units	
Year 3	BIS 101 (4) BIS 101D (1) – optional Focus Course (3-4) Breadth Course (3-4) Upper Div College English (4) GE (4) Total: 19-21 units	BIS 105; or 102 then 103 (3-6) GEL/ESP 150B* (3) Focus Course (3-4) Breadth Course (3-4) Focus Course (3) GE (4) Total: 19-24 units	BIS 104 (3) GEL/ESP 150A* (4) Focus Course (3-4) Breadth Course (3-4) EVE/ESP 111 (1) Field req. course (4) Total: 18-20 units	

* Choose 3 from GEL/ESP 116N, 150A, 150B, and 150C.

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