

BIOLOGY 75 SYLLABUS - FALL 2019

#	LECTURES - COH 118	EXAMS	READING	POOL SESSIONS	OCEAN DIVES
1	Collect Paperwork, NAUI Exam, Course Introduction, History of Scientific Diving, UCSC Dive Program Overview, Hand out course materials, Knots	NAUI Master Diver Bowline	NAUI Dive Table, SAC Rate, Navigation, Physics, Physiology, Dive Manual	Make Up Pool Session	Scuba Skill Tests, Rescue Skill
2	NAUI Dive Table Review, SAC Rate Calculations, Use of Bluebuddy & Webdiver, Dive Manual, Navigation, Diving Physics & Physiology, Knots		Decompression Theory, Diving Modes	Gear Comp, Buddy Checks, Out of Air Review, RQs, Skin Diving Knots, Scuba Skills	Navigation, Species List (inverts)
3	Decompression Theory, Diving Modes, Knots		Dive Equipment	Rescue Skills, Problem Solving, Out of Air, SAC, Navigation, Knot Work	Search & Salvage, Sampling
4	Dive Equipment, HP Cylinder Safety, Knots		Aquatic Environment, Reef Check Species	Search & Salvage, Limited Vis, Blue Water, Knot Work	Search & Salvage, Sampling
5	Aquatic Environment, Reef Check Species, Knots	UCSC Dive Manual, Physics Problems	Bluewater Diving, Search & Salvage	Sampling Techniques, Fish and Kelp Transects, Knot Exam	MBA - Species ID
6	Bluewater Diving, Search & Salvage, Knots		Reef Check Sampling Techniques		RCCA Kelp & Invert Swath
7	Sampling Techniques, Knots		Dive Emergency Response		RCCA UPC
8	Dive Emergency Response & Planning		Complete Nitrox Elearning		Night Dive - piling sampling (inverts) - piling rpc
9	Nitrox, Deeper Diving, Boat Diving, Night Diving, Reef Check Sampling overview and Species test	Reef Check Species Test	Review all topics for final exam		Nitrox 80' Dive - sampling (inverts) meter tape, quadrant
10	All Topics	FINAL			Nitrox Blue Water Dive - collecting (pelagics) - zip lock bags
11					RCCA Survey
12					RCCA Survey
13					RCCA Survey
14					RCCA Survey
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