

BSc Marine Science module list

Course	Year	Compulsory Modules	Optional Modules
Marine Biology	1	Fundamentals of Marine Biology Fundamentals of Marine Chemistry Fundamentals of Marine Geology Fundamentals of Marine Physics Mathematics and Statistics Marine Field course	
	2	Chemical oceanography Marine Geology Statistics and experimental design Physical Oceanography Marine Biology	Biochemistry and Molecular Biology Marine resources Advanced Maths and programming
	3	Literature Review	Marine Pollution Marine Zoology Marine Microbial Ecology Marine Robotics Marine Biotechnology Marine Biochemical cycling Ocean circulation and Climate Marine Conservation Marine Instrumental and data
	4	Dissertation	Fisheries Ecology Aquaculture Defining the Marine carbon cycle Behaviour and Biological Clocks Marine Environmental Impacts Marine Modelling Deep Seas Polar seas Coastal sea shelf Dynamics

Course	Year	Compulsory Modules	Optional Modules
Marine Biology with Oceanography and Robotics	1	Fundamentals of Marine Biology Fundamentals of Marine Chemistry Fundamentals of Marine Geology Fundamentals of Marine Physics Mathematics and Statistics Marine Field course	
	2	Chemical oceanography Marine Geology Statistics and experimental design Physical Oceanography Marine Biology Advanced Maths and programming	Biochemistry and Molecular Biology Marine resources

	3	Literature Review Marine Robotics Ocean circulation and Climate Marine Instrumental and data	Marine Pollution Marine Zoology Marine Microbial Ecology Marine Biochemical cycling Marine Conservation
	4	Dissertation Marine Modelling Polar seas Coastal sea shelf Dynamics	Defining the Marine carbon cycle Behaviour and Biological Clocks Marine Environmental Impacts

Course	Year	Compulsory Modules	Optional Modules
Marine Biology with Arctic studies	1	Fundamentals of Marine Biology Fundamentals of Marine Chemistry Fundamentals of Marine Geology Fundamentals of Marine Physics Mathematics and Statistics Marine Field course	
	2	Chemical oceanography Marine Geology Statistics and experimental design Physical Oceanography Marine Biology	Biochemistry and Molecular Biology Marine resources Advanced Maths and programming
	3	Literature Review Spend 1 or semesters at the University of Svalbard	Marine Pollution Marine Zoology Marine Microbial Ecology Marine Robotics Marine Robotics Marine Biotechnology Marine Biochemical cycling Ocean circulation and Climate Marine Conservation Marine Instrumental and data
	4	Dissertation Polar seas	Fisheries Ecology Aquaculture Defining the Marine carbon cycle Behaviour and Biological Clocks Marine Environmental Impacts Marine Modelling Deep Seas Coastal sea shelf Dynamics