

Course	Course Title	Credit Hours	Current Course Instructor(s)	Term	Year	FA19	SP20	SU20	FA20	SP21	SU21	FA21	SP22	SU22	FA22	SP23	SU23
MSCI 501A	Fundamentals Phys Oceanog	2	Gong	SP	all		X			X			X			X	
MSCI 501B	Fundamentals Chem Oce	2	Smith, J.	FA	all	X			X			X			X		
MSCI 501C	Fundamentals Marine Geology	2	Hein	FA	odd	X						X					
MSCI 501D	Fundamentals Biol Oceanog	2	Steinberg	FA	all	X			X			X			X		
MSCI 501E	Fundamentals Aquatic Health	2	Unger, Wargo	FA	all	X			X			X			X		
MSCI 501F	Fundamentals Mar Fisheries Sci	2	Graves, Scheld	SP	all		X			X			X			X	
MSCI 503	Interdis Res Estua/Coastal Sys	2	Brush	SP	all		X			X			X			X	
MSCI 504	Fundamentals Stats Methods & Data Analysis	4	Chiu	FA	all	X			X			X			X		
MSCI 506	Scientific Communication Skill	2	Hilton, Steinberg	SP	even		X						X				
MSCI 507	Responsible Conduct of Resrch	1	Schaffner	FA	all	X			X			X			X		
MSCI 508	College Science Teaching	1	MacDonald	SP	odd				X							X	
MSCI 509	Communicating Science to Diverse Audiences	2	Rivest	SP	odd					X						X	
MSCI 515A	Biological Sciences Seminar	1	Orth	SP	all		X			X			X			X	
MSCI 515B	AHS Dept Seminar	1	Small	FA SP	all	X	X		X	X		X	X		X	X	
MSCI 515C	Fisheries Science Seminar	1	Fabrizio	SP	all		X			X			X			X	
MSCI 515D	Physical Sciences Seminar	1	Friedrichs, C.	FA SP	all	X	X		X	X		X	X		X	X	
MSCI 521	Advanced Marine Geology	3	Hein	FA	even				X						X		
MSCI 529	Fish Physiology	3	Brill	SP	odd					X						X	
MSCI 530	Microb Proc Coast Envir	2	Anderson, Reece	SP	odd					X						X	
MSCI 550	Rivers:Processes & Problems	3	Hein	SP	even		X						X				
MSCI 553	Bound Layer/Sediment Transport	3	Harris	FA	odd	X						X					
MSCI 554	Principles Numerical Computing	3	Wang, Harris	SP	all		X			X			X			X	
MSCI 555	Marine Resource Economics	3	Scheld	FA	odd	X						X					
MSCI 559	Parasitology	3	Shields	SP	all		X			X			X			X	
MSCI 561	Statistics & Graphics in R	3	Hoening	SP	all		X			X			X			X	
MSCI 562	Environmental Pollution	2-3	Hale	FA	all	X			X			X			X		
MSCI 563	Environmental Chemistry	3	Unger	SP	all		X			X			X			X	
MSCI 565	Principles of Pathobiology	3	Vogelbein, Carnegie, Wargo	SP	odd					X						X	
MSCI 568	Crustacean Health Issues	1	Shields	AR	all	X	X										
MSCI 571	Marine Ecology	3	Johnson	SP	all		X			X			X			X	
MSCI 575	Aquatic Microbial Ecology	3	Anderson, Song	FA	odd	X						X					
MSCI 583	Bioinformatics	3	McDowell, Reece	SP	odd					X						X	
MSCI 610	Global Change in Mar Systems	2-3	Canuel	FA	odd							X					
MSCI 611	Estuarine Hydrodynamics I	3	Wang	FA	all	X			X			X			X		
MSCI 615	Coastal/Estuarine Model	3	Wang	FA	even				X						X		
MSCI 617	Estuarine Water Quality Models	3	Wang	SP	even		X						X				

Course	Course Title	Credit Hours	Current Course Instructor(s)	Term	Year	FA19	SP20	SU20	FA20	SP21	SU21	FA21	SP22	SU22	FA22	SP23	SU23
MSCI 620A	Coastal Environments I	1	Kuehl	FA	3 yr							X					
MSCI 620B	Coastal Environments II	1	Kuehl	FA	3 yr	X									X		
MSCI 620C	Coastal Environments III	1	Kuehl	FA	3 yr				X								
MSCI 622	Holocene Coastal Evolution	3	Hein	SP	odd					X						X	
MSCI 626	Global Ocean Change Biology	2	Rivest	FA	odd	X						X					
MSCI 627	Marine Organic Geochemistry	3	Canuel	SP	odd					X						X	
MSCI 631	Wetland Ecogeomorphology	3	Kirwan	SP	all		X			X			X			X	
MSCI 644	Aquatic Epidemiology	3	Wargo	SP	even								X				
MSCI 649	Modeling Biol and Ecol Sys	3	Brush	FA	even				X						X		
MSCI 650	Estuarine Ecology	3	Brush	FA	odd	X						X					
MSCI 655	Marine Physiological Ecology	1	Rivest	SP	even				X				X				
MSCI 658	Larval Ecology	3	Mann	FA	even		X		X						X		
MSCI 663	Deep-Sea Biology	2	Vecchione	SP	all												
MSCI 664	Marine Conservation Biology	3	Lipcius	SP	even		X						X				
MSCI 666	Ichthyology	4	Hilton	FA	odd	X						X					
MSCI 667	Got Data, Now What?	2-3	Lipcius	SP	odd					X						X	
MSCI 668	Malacology	3	Mann	FA	odd	X						X					
MSCI 669	Linear Models in Ecology	3	Fabrizio	FA	all	X			X			X			X		
MSCI 670	Stock Assessment Methods	3	Hoenig	SP	odd					X						X	
MSCI 671	Fisheries Population Dynamics	3	Latour	FA	all				X			X			X		
MSCI 672	Ecology of Fishes	3	Weng	FA	even				X						X		
MSCI 673A	Princ Molecular Biology	2	Reece, McDowell, Song	SP	even		X						X				
MSCI 673B	Metagenomics & Bioinformatics	2	Song	SP	even		X						X				
MSCI 673C	Princ Mol & Phylo-Genetics	2	McDowell, Reece	SP	even		X						X				
MSCI 675	Molecular Techniques	2	Song	SP	odd					X						X	
MSCI 688	Coastal and Marine Policy Seminar	2	Schaffner	SP	all		X			X			X			X	
MSCI 697	Problems in Population Genetics	2	McDowell	FA	even				X						X		
MSCI 697	ICES Stock Assessment Reviews	2	Hoenig	SP	all		X			X			X			X	
MSCI 698	Advanced Computing	1	Zhang	SU	even			X						X			
MSCI 698	Coastal Geomorphology	1	Hein, Kirwan	SP	even		X						X				
MSCI 698	Coastal Transport Modeling	2	Harris	SP	odd					X						X	
MSCI 698	Drone Applications for Mar Sci	2	Kirwan, Gong	AR	unknown												
MSCI 698	Scientific Programming	1	Zhang	SU	unknown												
MSCI 698	Molecular Microbial Ecology	2	Song	FA	even				X						X		
MSCI 698	Estuarine Nutrient Dynamics	2	Anderson	FA	even				X						X		