



UNIVERSITY OF MIAMI

**ROSENSTIEL SCHOOL of
MARINE, ATMOSPHERIC
& EARTH SCIENCE**

Important Dates:

Classes Begin: January 12, 2026
MLK Jr. Day (University Closed): January 19, 2026
Spring Recess: March 7-15, 2026
Last Day to Defend for Spring Graduation: March 27, 2026
Classes End: April 27, 2026
Final Exams: April 29-May 6, 2026
Semester Ends: May 6, 2026
Deadline for Completion of Thesis/Dissertation: May 6, 2026
Spring Commencement Ceremony: May 11, 2026

Spring 2026 Schedule

Atmospheric Sciences (ATM)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
ATM 632 MPO JMM/ATM 306	4D	2765	Broadcast Meteorology	3	W	11:15am-2:00pm	Wolfson 1008B Coral Gables Campus	Phillips	3	
ATM 634 ATM 534	35	2770	Introduction to Atmospheric Chemistry	3	M/W	1:30pm-2:45pm	MSC 329	Gaston	25	
ATM 636 ATM 536 MPO OCE 536/636	55	11788	Hurricanes	3	T/TH	1:30pm-2:45pm	MSC 125	Majumdar	15	Prerequisite: ATM/MPO 651
ATM 637 ATM 537 MPO OCE	57	2773	Natural Hazards: Atmosphere & Ocean	3	T/TH	3:00pm-4:15pm	MSC 329	Shay	15	
ATM 683 ATM 243 Instructor Permission Required	E	2768	Special Topics in Weather Forecasting	3	M/W/F	1:25pm-2:15pm	Ungar 210P Coral Gables Campus	Murphy Goes	1	
ATM 765 MPO	42	6059	General Circulation of the Atmosphere	3	W/F	10:30am-11:45am	MSC 329	Becker	15	Hybrid Class Prerequisite: ATM/MPO 651
ATM 770 MPO	01	6184	Seminar in ATM	1	W	3:00pm-4:00pm	SLAB 103	Romeiser		
ATM 805	01	6057	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
ATM 810	01	6020	Master's Thesis	1-6	ARR	ARR	ARR	Gaston		
ATM 830	01	6023	Doctoral Dissertation	1-12	ARR	ARR	ARR	Gaston		

11/07/2025

Course Descriptions

<http://bulletin.miami.edu/graduate-academic-programs/marine-atmospheric-science/>

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Environmental Science & Policy (EVR)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
EVR 604 LAW 629 LAS 604 Instructor Permission Required	4K	11527	Fieldwork in Coastal Management: Tourism, Conservation, and Development	3	W	6:35pm-9:20pm	Ungar 230-E Coral Gables Campus	Suman	15	Spring Break Field Trip Destination: Panama Course Fee: \$600
EVR 605 LAW 213 Abess PhD Only	01	6630	Interdisciplinary Environmental Law and Policy	3	W/F	10:40am-12:10pm	TBA Coral Gables Campus	Ezer & Bettinger- Lopez	10	
EVR 607	1B	6629	Environmental Governance	3	M	9:05am-11:50am	Cox 122 Coral Gables Campus	Gruby	15	Instructor permission required for students outside of Abess PhD
EVR 609 EVR 509	CD	11447	Environmental Health	3	M/W	10:10am-11:25am	Allen Hall 110 Coral Gables Campus	Ashad-Bishop	15	
EVR 610 LAW 601	57	11674	Environmental Planning and the Environmental Impact Statement	3	T/TH	3:00pm-4:15pm	SG 116	Suman	15	
EVR 618	54	11675	Coastal Management	3	T/TH	12:00pm-1:15pm	SG 116	Suman	20	
EVR 629	52	6625	Biology, Ecology, & Management of Mangrove Ecosystems	3	T/TH	10:30am-11:45am	MSC 123	Araújo	30	
EVR 631	54	6626	Marine and Coastal Protected Area Theory, Planning, Management, and Issues	3	T/TH	12:00pm-1:15pm	MSC 123	Shivlani	30	
EVR 634 EVR 534	38	6627	Shark Behavioral Ecology & Conservation	3	M/W	4:30pm-5:45pm	MSC 123	Grubbs	35	
EVR 644 EVR 544	52	11672	Sea Turtle Ecology and Conservation	3	T/TH	10:30am-11:45am	SLAB 103	Linscott	20	

EVR 660	32	6611	Introduction to Marine Geographic Information Systems (GIS)	3	M	10:30am-11:45am	SLAB 120	Taylor	15	Corequisite: EVR 661 (01)
EVR 661	01	6615	Introduction to Marine GIS Lab	0	W	10:30am-11:45am	SLAB 120	Taylor	15	Corequisite: EVR 660 (32)
EVR 660	35	6612	Introduction to Marine Geographic Information Systems (GIS)	3	M	1:30pm-2:45pm	SLAB 120	Taylor	15	Corequisite: EVR 661 (02)
EVR 661	02	6616	Introduction to Marine GIS Lab	0	W	1:30pm-2:45pm	SLAB 120	Taylor	15	Corequisite: EVR 660 (34)
EVR 665 EVR 565	52	6622	Science & Natural History Media Production	3	T/TH	10:30am-11:45am	SLAB 120	Haywood	20	
EVR 677	31	6602	Management and Conservation of Marine Ecosystems	3	M/W	9:00am-10:15am	MSC 123	Agar & Shivilani	30	
EVR 681 LAW 253	01	6617	Special Topics: Natural Resources Law	3	T/TH	5:20pm-6:50pm	TBA LAW Coral Gables Campus	Cox	7	
EVR 710	52	6608	International Ocean Law & Governance	3	T/TH	10:30am-11:45am	SG 116	Shivilani	20	
EVR 805	01	6605	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
EVR 810	01	6607	Master's Thesis	1-6	ARR	ARR	ARR	Jacquet		
EVR 830	01	6623	Doctoral Dissertation	1-12	ARR	ARR	ARR	Jacquet		

Marine Biology & Ecology (MBE)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MBE 605 MBE 505 Instructor Permission Required: Priority for MMS Track	51	2885	Marine Mammal Disease & Medicine	3	T/TH	9:00am-10:15am	SLAB 120	Zaias	18	Prerequisite: MBE 604 or MBE 710 or MSC/BIL 350
MBE 606 Instructor Permission Required: For MMS Track Only	01	6670	Procedures in Marine Mammal Health and Disease	1	ARR	ARR	ARR	Zaias	10	
MBE 608 Instructor Permission Required: Priority for MMS Track	01	6676	Discussions of Marine Mammal Welfare	1	M	5:00pm-6:15pm	SLAB 114	Zaias	10	
MBE 613 Instructor Permission Required: Priority for AQU Track	01	11803	Aquaculture II – Lab	3	Special Dates: Spring Break, March 2026		TBA	Benetti	18	
MBE 614 Instructor Permission Required	01	11639	Tropical Marine Biology	3	Special Dates: March 7-13, 2026 Location: Bimini, Bahamas			D'Alessandro & Grubbs	16	Course Fee: \$3,050 Fee includes housing, food, and airfare from FFL
MBE 618 MBE 518	35	2886	Reef Coral Biology, Ecology, and Conservation	3	M/W	1:30pm-2:45pm	MSC 123	Baker	40	
MBE 621 Instructor Permission Required: Priority for TME Track	01	6666	Field Techniques in Tropical Marine Ecology I	2	W	3:00pm-4:15pm LECTURE	MSC 123	Langdon & D'Alessandro	16	This is only Part I Part II: Field will be offered in Summer 2026 (MBE 631). Travel Dates: May 2026 Location: Broad Key
					F	9:00am-12:00pm	MSC 123			
MBE 622 MBE 522 OCE 522/622	55	11796	Marine Microbial Dynamics	3	T/TH	1:30pm-2:45pm	SLAB 286	Popendorf	8	
MBE 623 MBE 523	42	2864	Marine Parasite Ecology	3	W	10:30am-1:15pm	MSC 343	Sikkel	15	

MBE 628 Enrollment Permission Required: Priority for AQU Track	52	6673	Seafood Market & Marketing	3	T/TH	10:30am-11:45am	SLAB 114	Walsh	18	
MBE 635 MBE 535	54	11877	Practical Computing for Biologists	3	T/TH	12:00pm-1:15pm	MSC 343	Hendrick	25	
MBE 643 Instructor Permission Required	01	6671	Ecology, Conservation, and Ecotourism in the Galapagos II	1	Special Dates: January 2-16, 2026 Location: Isabela, Galapagos Islands			D'Alessandro	16	Prerequisite: MBE 633, Fall 2025 Additional Course Fee: \$3400 + Airfare
MBE 644	01	6675	Tropical Coastal Restoration	3	W	9:00am-11:45am	SLAB 114	Kaufman	12	Prerequisite: MBE 615 or MBE 715 Mandatory Weekend Field Trips: Dates TBD
MBE 647 Instructor Permission Required: Priority for MMS Track	01	11638	Marine Mammals of the Galapagos: Part II		Special Dates: TBA Location: Isabela, Galapagos Islands			Cartolano	16	Prerequisite: MBE 646, Fall 2025 Additional Course Fee: \$3400 + Airfare
MBE 651 MBE 551	47	2892	Engaging the Arts in Science Communication	1	W	3:00pm-4:00pm	SG 116	Sikkel	15	
MBE 653 MBE 553	55	11878	Evolutionary Marine Phylogenetics, Systematics, and Genomics	3	T/TH	1:30pm-2:45pm	MSC 343	Hendrick	25	
MBE 670 BIL 326/MSC	R	6667	Physiology of Oxygen Transport in Diving Organisms	3	T/TH	2:00pm-3:15pm	Cox 217 Coral Gables Campus	McCracken	3	
MBE 671 Instructor Permission Required: Priority for MMS Track	52	6668	Special Topics: Marine Mammal Research I: Lecture	2	T/TH	10:30am-11:15am	Online	Eskelinen	12	Part I of II: This is only the lecture Part II: Field, MBE 672 will be offered in Summer 2024. Special Dates: May 2026. Course Fee for MBE 672: TBA. Location: Dolphins Plus Marine Mammal Responder in Key Largo, FL

MBE 681 MBE 581 Instructor Permission Required	01 LEC	2928	South African Intertidal Ecology	3	TBA	TBA	TBA	Sikkel	8	Students must enroll for both lecture and field sections.
	02 FLD	2929			Travel Dates: Spring Break, March 2026					Additional Costs: Housing + Food (~\$300) & Airfare
MBE 682 MBE 582 Instructor Permission Required	01	2930	South African Marine Parasitology	2	Travel Dates: Spring Break, March 2026			Sikkel	2	Additional Costs: Housing + Food (~\$300) & Airfare
MBE 686 MBE 586	54	6669	Fish Physiology	3	T/TH	12:00pm-1:15pm	SLAB 114	Grosell	16	
MBE 708	55	11817	Coral Reef Ecosystem Dynamics	3	T/TH	1:30pm-2:45pm	SLAB 103	Dell	20	Prerequisite: MBE 615 or MBE 715
MBE 709 Instructor Permission Required	44	11818	Marine Biogeography & Species Distribution Models	3	W	12:00PM-1:15PM LECTURE	SLAB 114	Reygondeau	10	Prerequisite: Experience with R
					F	12PM-3PM LAB	SLAB 114			
MBE 716 MBE 570	51	2863	Bayesian Statistics for Marine Scientists	3	T/TH	9:00am-10:15am	SLAB 114	Babcock	15	Prerequisite: RSM 612, EVR 624, or equivalent class in introductory statistics
MBE 746	32	6674	Marine Population Biology: Processes & Modeling	3	M/W	10:30am-11:45am	MSC 123	Malca	30	
MBE 702	01	6661	MBE Graduate Student Seminar	1	F	3:00pm-4:00pm	MSC 108 Rosenstiel Auditorium	Dell		
MBE 770 Instructor Permission Required	01	6672	Mentoring & Supervising Skills	1-3	ARR	ARR	ARR	Various		
MBE 805	01	6662	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
MBE 810	01	6664	Master's Thesis	1-6	ARR	ARR	ARR	Langdon		
MBE 830	01	6665	Doctoral Dissertation	1-12	ARR	ARR	ARR	Langdon		

Marine Geosciences (MGS)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MGS 624 MGS 524	32	6646	Seismic Interpretation of Carbonate Systems	3	F	1:30pm-4:15pm	Grosvenor North N351	Eberli	10	
MGS 626 MGS 526	01	6647	Petrophysics of Carbonates	3	ARR	ARR	ARR	Eberli & Weger	10	
MGS 627 MGS 527	45	6648	Analysis of Carbonate Cores & Logs	3	W	1:30pm-4:15pm	Grosvenor North N351	Eberli	10	
MGS 634 GSC 550	1J	2800	Hydrological Hazards	3	M	5:30pm-8:15pm	Cox 42 Coral Gables Campus	Rossinsky	12	
MGS 641 MGS 541	01	11841	Field Evaluation of Fossil Platforms, Margins, and Basins	2	Special Dates: Spring Break, March 2026 Location: Dominican Republic			Eberli & Klaus	7	Additional Travel Costs: ~\$700 for food, lodging + airfare
MGS 681 MGS 581	45	11895	Petroleum Geology	4	M	1:30pm-5:15pm	Grosvenor North N351	Dolson	10	
MGS 701	01	6641	MGS Seminar	1	W	12:00pm-1:00pm	SLAB 120	Oehlert	20	
MGS 750	76	6639	Stable Isotopes in Biogeochemical Processes	3	TH	2:00pm-4:45pm	Grosvenor North N351	Swart	8	
MGS 776	52	6640	Paleoclimatology	3	T/TH	10:00am-11:15am	Grosvenor North N351	Pourmand	10	
MGS 777	31	11797	Physical Volcanology	3	M/W	9:00am-10:15am	Grosvenor North N351	Amelung	10	
MGS 810	01	6637	Master's Thesis	1-6	ARR	ARR	ARR	Pourmand		
MGS 830	01	6638	Doctoral Dissertation	1-12	ARR	ARR	ARR	Pourmand		

Meteorology and Physical Oceanography (MPO)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MPO 606 OCE	34	6649	Introduction to Ocean Remote Sensing	3	M/W	12:00pm-1:15pm	MSC 125	Romeiser	12	
MPO 632 ATM JMM/ATM 306	4D	2767	Broadcast Meteorology	3	W	11:15am-2:00pm	Wolfson 1008B Coral Gables Campus	Phillips	1	
MPO 636 ATM 536 OCE 536	55	11789	Hurricanes	3	T/TH	1:30pm-2:45pm	MSC 125	Majumdar	15	Prerequisite: ATM/MPO 651
MPO 637 ATM OCE	57	2774	Natural Hazards: Atmosphere & Ocean	3	T/TH	3:00pm-4:15pm	MSC 329	Shay	15	
MPO 707 OCE	54	6659	Advanced Ocean Remote Sensing	3	T/TH	12:00pm-1:15pm	MSC 125	Romeiser & Graber	8	
MPO 724 OCE	51	6651	Statistical Modeling of Geophysical Fields	3	T/TH	9:00am-10:15am	MSC 343	Mariano	10	
MPO 765 ATM	42	6017	General Circulation of the Atmosphere	3	W/F	10:30am-11:45am	MSC 329	Becker	15	Prerequisite: MPO/ATM 651
MPO 770 ATM	01	6027	Seminar in MPO	1	W	3:00pm-4:00pm	SLAB 103	Romeiser		
MPO 810	01	6650	Master's Thesis	1-6	ARR	ARR	ARR	Mapes		
MPO 830	01	6652	Doctoral Dissertation	1-12	ARR	ARR	ARR	Mapes		

Ocean Sciences (OCE)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
OCE 606 OCE 506 MPO	34	6657	Introduction to Ocean Remote Sensing	3	M/W	12:00pm-1:15pm	MSC 125	Romeiser	12	
OCE 609 OCE 509	57	6520	Coastal Physics & Engineering	3	T/TH	3:00pm-4:15pm	MSC 125	Haus	10	
OCE 610 OCE 510	57	6514	Ocean Biogeochemistry	3	T/TH	3:00pm-4:15pm	SLAB 120	Hansell	9	
OCE 622 OCE 522 MBE 522/622	55	11793	Marine Microbial Dynamics	3	T/TH	1:30pm-2:45pm	SLAB 286	Popendorf	8	
OCE 636 OCE 536 ATM 536 MPO	55	11790	Hurricanes	3	T/TH	1:30pm-2:45pm	MSC 125	Majumdar	15	Prerequisite: ATM/MPO 651
OCE 637 OCE 537 ATM MPO	57	2775	Natural Hazards: Atmosphere & Ocean	3	T/TH	3:00pm-4:15pm	MSC 329	Shay	15	
OCE 651 OCE 551	54	6522	Applied Ocean Acoustics & Marine Mammals	3	T/TH	12:00pm-1:15pm	SLAB 120	Paris-Limouzy	15	
OCE 676 OCE 576	52	6519	Wave Propagation in the Ocean Environment	3	T/TH	10:30am-11:45am	MSC 125	Romeiser	15	
OCE 707 MPO	54	6658	Advanced Ocean Remote Sensing	3	T/TH	12:00pm-1:15pm	MSC 125	Romeiser & Graber	8	
OCE 710 MSC 405	61	11787	Observing the Ocean	3	T	9:00am-11:45 am	MSC 329	Bif	4	
OCE 724 MPO	51	6655	Statistical Modeling of Geophysical Fields	3	T/TH	9:00am-10:15am	MSC 343	Mariano	10	
OCE 790	51	6515	Mechanics & Thermodynamics of the Air-Sea Interface	3	T/TH	9:00am-10:15am	MSC 125	Haus & Graber	8	

OCE 770	01	6516	Seminar in OCE	1	F	11:00am-12:00pm	MSC 108 Rosenstiel Auditorium	Romeiser	
OCE 780	01	6523	Capstone Independent Study of Coastal Engineering	3	ARR	ARR	MTLSS Bldg.	Haus	
OCE 805	01	6521	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro	
OCE 810	01	6517	Master's Thesis	1-6	ARR	ARR	ARR	Romeiser	
OCE 830	01	6518	Doctoral Dissertation	1-12	ARR	ARR	ARR	Romeiser	

Rosenstiel General Courses (RSM)

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 601 RSM 501 Instructor Permission Required	47 LEC	6718	Scientific Freediving	4	W	3:00pm-4:15pm LECTURE	SLAB 114	Paris-Limouzy & R. Paris	12	Students must enroll for both lecture and lab sections.
	02 LAB	6717			M	1:30pm-4:15pm LAB	Pool Rosenstiel Campus			
RSM 613	52	6713	Statistical Modeling of Extreme & Rare Events	3	T/TH	10:30am-11:45am	MSC 343	Mariano	10	
RSM 616 LAW 851	59	8576	Florida Topics in Environmental Law & Policy	3	T/TH	7:00pm-8:15pm	LAW TBA Coral Gables Campus	K. Cox	25	Recommended prerequisite: EVR 620
RSM 619 RSM 519	45	11829	Piloting & Operating Professional Drones	3	W	1:30pm-4:15pm	Rosenstiel Library Maps & Charts Room	Avissar	24	Practical Sessions: Wednesdays from 4:30pm-7:15pm in SLAB 103
RSM 623 RSM 523	48	11783	Climate Adaptation	3	W	4:30pm-7:15pm	SLAB 120	Mach	30	
RSM 630 RSM 530 Instructor Permission Required	01	6723	Elasmobranch Field Research Skills	3	T	12:00pm-1:30pm	MSC 329	J. Jerome	15	Course Fee: \$1150 Field Dates: TBA
RSM 641 RSM 541	42	6725	Broadening Participation in Marine Science	3	F	10:30am-1:15pm	SG 116	Cartolano	16	
RSM 645	02	11980	Science Communication: Professional Writing	2	TH	1:30pm-2:30pm	SG 116	Araújo	15	
RSM 646	01	6712	Presentation Boot Camp	1	T	12:00pm-1:00pm	SLAB 103	Dell	6	

RSM 646	02	11892	Presentation Boot Camp	1	TH	12:00pm-1:00pm	SLAB 103	Dell	6	
RSM 671	01	6711	Special Topics: Instrument Design and Quick Prototyping for the Marine and Environmental Scientist	1	TH	3:00pm-6:00pm	Rosenstiel Maker's Lab	Guigand	6	Course Fee: \$50 This class will meet on Thursdays for 5 weeks. The rest of the semester, students can come into the lab to work on their final project.
RSM 780	02	6703	Directed Readings Advanced Analysis Techniques & Applications	1	ARR	ARR	ARR	Mapes	7	For PhD Students
RSM 780	03	6704	Directed Readings Convection as a Process, and a Phenomenon	1	ARR	ARR	ARR	Mapes	7	For PhD Students
RSM 700	01	6699	Research Ethics	0	ARR	ARR	ARR	Babcock		
RSM 771	01	6698	Educational Training 1	0	ARR	ARR	ARR	Babcock		
RSM 772	01	6700	Educational Training 2	0	ARR	ARR	ARR	Babcock		
RSM 773	01	6701	Educational Training 3	0	ARR	ARR	ARR	Babcock		

Enrollment Requirements for Research Diving*

1. Must have a valid recreational diver certification with a major accredited agency, pass a swim test, and complete a diving physical exam with a certified medical professional by **December 5th, 2025**.

**Certain medical conditions may disqualify a student from scientific diving. Conditions include, for example, asthma, seizures, spontaneous pneumothorax, etc. Please reference the NOAA Diving Medical Standards for additional details and other potential disqualifications. Before enrollment, please contact the UM Diving Safety Office for questions relating to these potential disqualifying medical conditions.*

SUBJECT/ COURSE #	SEC	CLASS ID #	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 600 RSM 500 Enrollment Permission Required	02	6707	Research Diving Techniques	3	T	1:00pm-5:00pm	Pool Rosenstiel Campus	DeLillo & Moore	12	
					TH	4:30pm-6:00pm LECTURE	MSC 108 Rosenstiel Auditorium			
					F Special Dates: TBA	12:00pm-6:00pm	Open Water Training/Dives			
RSM 600 RSM 500 Enrollment Permission Required	03	6708	Research Diving Techniques	3	W	8:00am-12:00pm	Pool Rosenstiel Campus	DeLillo & Moore	12	
					TH	4:30pm-6:00pm LECTURE	MSC 108 Rosenstiel Auditorium			
					F Special Dates: TBA	7:00am-1:00pm	Open Water Training/Dives			

The schedule for RSM 664 Scientific Small Boating will be released later.

