

Important Dates:

MLK Jr. Day (University Closed): January 18, 2021

Classes Begin: January 25, 2021

Last Day to Defend for Spring Graduation: April 2, 2021

Classes End: April 30, 2021

Final Exams: May 5 – 12, 2021

Deadline for Completion of Thesis/Dissertation: May 12, 2021

Spring Commencement Ceremony: TBD

Spring 2021 Schedule**Atmospheric Sciences (ATM)**

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
ATM 632 MPO JMM/ATM 306	JK	Broadcast Meteorology	3	W	6:00pm-8:45pm	TBA Coral Gables Campus	Phillips	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.
ATM 534/ 634	35	Introduction to Atmospheric Chemistry	3	M/W	1:30pm-2:45pm	MSC 329	Gaston	10	Hybrid
ATM 537/ 637 MPO OCE	57	Natural Hazards: Atmosphere & Ocean	3	T/R	3:00pm-4:15pm	Online	Shay	12	Online
ATM 563/ 663 MPO	52	Mesoscale Meteorology	3	T/R	10:30am-11:45am	Online	Mapes	12	Online
ATM 711 MPO OCE	51	Geophysical Fluid Dynamics II	3	T/R	9:00am-10:15am	Online	Mariano	12	Online
ATM 765 MPO	32	General Circulation of the Atmosphere	3	M/W	10:30am-11:45am	Online	Kirtman	10	Online
ATM 772 MPO Instructor Permission Required	37	Vortex Dynamics	3	M/W	3:00pm-4:15pm	MSC 329	Nolan	10	Hybrid

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
ATM 701 MPO	01	Seminar in ATM	1	W	3:00pm-4:00pm	SLAB 103	Kamenkovich		
ATM 805	01	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
ATM 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Gaston		
ATM 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Gaston		

Marine Biology and Ecology (MBE)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MBE 505/ 605 Enrollment Permission Required	51	Marine Mammal Disease & Medicine	3	T/R	9:00am-10:15am	MSC 108	Zaias	20	Hybrid Prerequisite: MBE 604 or MBE 710 or MSC/BIL 350
MBE 506/ 606 Enrollment Permission Required	01	Procedures in Marine Mammal Health and Disease	1	ARR	ARR	ARR	Zaias	12	In Person This course can only be taken in person. Remote learners are not eligible for this course.
MBE 507/ 607 Enrollment Permission Required: Priority for MMS Track	42	Marine Mammal Applied Behavior Analysis & Managed Care	3	F	10:00am-2:00pm	*Off-Campus Location: Key Largo, FL Dolphins Plus	Richardson & Cooper	12	In Person This course can only be taken in person. Remote learners are not eligible for this course. Special Fees: \$1820 *Transportation is required to travel back and forth to Key Largo
MBE 614 Enrollment Permission Required	01	Tropical Marine Biology	3	Special Dates		D'Alessandro & Grubbs	10	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.
				Zoom Lectures: January 2-5, 2021	Fieldwork: January 6-14, 2021 Location: Broad Key, FL				
MBE 614 Enrollment Permission Required	02	Tropical Marine Biology	3	Special Dates		D'Alessandro & Grubbs	10	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.
				Zoom Lectures: May 12-15, 2021	Fieldwork: May 16-24, 2021 Location: Broad Key, FL				
MBE 518/ 618	35	Reef Coral Biology, Ecology & Conservation	3	M/W	1:30pm-2:45pm	MSC 108	Baker	50	Hybrid

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MBE 621 <i>Enrollment Permission Required: Priority for TME Track</i>	47	Field Techniques & Instrumentation in Tropical Marine Ecology	3	W	3:00pm-4:15pm	MSC 108	Langdon & D'Alessandro	20	In Person This course can only be taken in person. Remote learners are not eligible for this course. Mandatory Weekend Field Trips Dates: TBA Location: Broad Key, FL
				F	9:00am-12:00pm	Practicum			
MBE 529/ 629 BIL 551/ 651	55	Population Genetics & Genomics	3	T/R	1:30pm-2:45pm	MSC 123	McCracken	18	Hybrid
MBE 586/ 686	54	Fish Physiology	3	T/R	12:00pm-1:15pm	MSC 123	Grosell	16	Hybrid
MBE 702	01	MBE Graduate Student Seminar	1	F	12:00pm-1:00pm	Online	Fieber		Online
MBE 805	01	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
MBE 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Babcock		
MBE 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Babcock		

Marine Ecosystems and Society (MES)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 501/ 601	55	Political Ecology of Resource Management	3	T/R	1:30pm-2:45pm	Online	Meltzoff	15	Online
MES 610 LAW 601	57	Environmental Planning & the Environmental Impact Statement	3	T/R	3:00pm-4:15pm	Online	Suman	30	Online
MES 511/ 611	37	The Science of Actionable Knowledge	3	M/W	3:00pm-4:15pm	Online	Mach	20	Online
MES 513/ 613	32	Aquaculture II – Lab	3	M/W	10:30am-11:45am	SLAB 120	Benetti	15	In Person This course can only be taken in person. Remote learners are not eligible for this course.
MES 514/ 614	32	Underwater Site Mapping & Visualization	3	M	10:30am-11:45am	MSC 343	Hanselmann	10	In Person This course can only be taken in person. Remote learners are not eligible for this course. Prerequisite: RSM 500/600
				W	8:00am-12:00pm	Practicum			
MES 615	01	Marine Geophysical Survey & Technology	3	ARR	ARR	ARR	Hanselmann	10	In Person This course can only be taken in person. Remote learners are not eligible for this course. <u>Mandatory Field Trip</u> Location: Broad Key, FL Dates: TBA Recommended Prerequisite: RSM 667 and Co/Pre-requisite: MES 660
MES 618	54	Coastal Zone Management	3	T/R	12:00pm-1:15pm	Online	Suman	40	Online
MES 623	34	Applied Environmental Economics	3	M/W	12:00pm-1:15pm LECTURE	MSC 123	Molina	18	Hybrid Prerequisite: MES 624 or Permission Students must enroll in both sections
	4F			W	1:30pm-2:30pm DISCUSSION	MSC 123			

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 527/ 627 <i>Enrollment Permission Required</i>	01	Exploration Science Field Studies	3	W	6:00pm-7:15pm	Online	Haywood	20	In Person This course can only be taken in person. Remote learners are not eligible for this course. Four Mandatory Weekend Field Day Trips Dates: TBA Location: Miami, FL Course Fee: \$2300
MES 628	52	Seafood Market & Marketing	3	T/R	10:30am-11:45am	SLAB 120	Walsh	15	Hybrid
MES 629	52	Biology, Ecology, & Management of Mangrove Ecosystems	3	T/R	10:30am-11:45am	MSC 108	Araujo	30	Hybrid
MES 631	34	Marine and Coastal Protected Area Theory, Planning, Management, and Issues	3	M/W	12:00pm-1:15pm	MSC 108	Shivlani	40	Hybrid
MES 534/ 634 ECS 572	55	Shark Behavioral Ecology & Conservation	3	T/R	1:30pm-2:45pm	Online	Hammerschlag	50	Online Required Pre/Co-requisite: MES 660/661 or equivalent
MES 646	32	Marine Population Biology Processes & Modeling	3	M/W	10:30am-11:45am	MSC 123	Die	18	Hybrid
MES 660	31	Introduction to Marine Geographic Information Systems (GIS) Lecture	3	M	9:00am-10:15am	Online	Estevanez	40	Online Corequisite: MES 661 (01)
MES 661	01	Introduction to Marine GIS Lab	0	W	9:00am-10:15am	Online	Estevanez	20	Online Corequisite: MES 660 (31)
MES 661	02	Introduction to Marine GIS Lab	0	W	9:00am-10:15am	Online	Estevanez	20	Online Corequisite: MES 660 (31)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 662	35	Intermediate Spatial Analysis	3	M/W	1:30pm-2:45pm	Online	Estevanez	30	Online Prerequisite: MES 660/661 or equivalent
MES 565/ 665	58	Science & Natural History Media Production	3	T/R	4:30pm-5:45pm	Online	Haywood	20	Online
MES 572/ 672	49	The Archaeology of Seafaring	3	W	5:00pm-7:45pm	SLAB 120	Marano	10	Hybrid
MES 673 Enrollment Permission Required	68	Marine Conservation Outreach	3	T	4:30pm-7:00pm	Online	Macdonald	20	Online
MES 677	37	Management and Conservation of Marine Ecosystems	3	M/W	3:00pm-4:15pm	MSC 123	Die	18	Hybrid
MES 710	52	International Ocean Law & Governance	3	T/R	10:30am-11:45am	Online	Shivlani	24	Online
MES 805	01	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
MES 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Mach		
MES 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Mach		

Marine Geosciences (MGS)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MGS 511/ 611	52	Earth Surface Processes	3	T/R	10:30am-11:45am	MSC 343	Eberli	12	Hybrid
MGS 513/ 613	G	Introduction to Geochemistry	3	M/W	3:30pm-4:45pm	TBA Coral Gables Campus	Oehlert	12	Hybrid
MGS 634 GSC 550	JK	Hydrological Hazards	3	M	6:00pm-8:45pm	TBA Coral Gables Campus	Rossinsky	12	Hybrid
MGS 583/ 683	EF	Scanning Electron Microscopy	2	F	1:00pm-3:00pm	Knight Physics 142B Coral Gables Campus	Blackwelder	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.
MGS 724	01	Seismic Interpretation of Carbonate Systems	2	ARR	ARR	ARR	Eberli	10	Hybrid
MGS 725	01	Petrophysics of Carbonates	2	ARR	ARR	ARR	Eberli & Weger	10	Hybrid
MGS 726	01	Carbonate Diagenesis & Petrography	2	ARR	ARR	ARR	Swart & MacKenzie	10	Hybrid
MGS 727	01	Analysis of Carbonate Cores & Logs	2	ARR	ARR	ARR	Eberli	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.
MGS 750	45	Stable Isotopes in Biogeochemical Processes	3	F	1:30pm-4:00pm	SLAB 120	Swart	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MGS 768	52	Radiogenic Isotope Geochemistry	3	T/R	10:30am-11:45am	MSC 125	Pourmand	8	In Person This course can only be taken in person. Remote learners are not eligible for this course.
MGS 776	32	Paleoclimatology	3	M/W	10:30am-11:45am	MSC 125	Peterson	8	Hybrid
MGS 777	31	Physical Volcanology	3	M/W	9:00am-10:15am	SLAB 120	Amelung	10	Hybrid
MGS 701	01	Seminar in MGS	1	R	12:00pm-1:00pm	SLAB 103	Oehlert		Hybrid
MGS 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Pourmand		
MGS 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Pourmand		

Meteorology and Physical Oceanography (MPO)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MPO 632 ATM JMM/ATM 306	J1	Broadcast Meteorology	3	W	6:00pm-8:45pm	TBA Coral Gables Campus	Phillips	10	In Person This course can only be taken in person. Remote learners are not eligible for this course.
MPO 637 ATM OCE	57	Natural Hazards: Atmosphere & Ocean	3	T/R	3:00pm-4:15pm	Online	Shay	12	Online
MPO 643 OCE	34	Physics of Remote Sensing II: Active Systems	3	M/W	12:00pm-1:15pm	MSC 125	Romeiser	8	Hybrid
MPO 663 ATM	52	Mesoscale Meteorology	3	T/R	10:30am-11:45am	Online	Mapes	12	Online
MPO 687 OCE	54	Applied Radar Remote Sensing	3	T/R	12:00pm-1:15pm	MSC 125	Romeiser & Graber	8	Hybrid
MPO 711 ATM OCE	51	Geophysical Fluid Dynamics II	3	T/R	9:00am-10:15am	Online	Mariano	12	Online
MPO 712 OCE	55	Large-Scale Ocean Circulation: Models & Observations	3	T/R	1:30pm-2:45pm	MSC 329	Johns	12	Hybrid
MPO 765 ATM	32	General Circulation of the Atmosphere	3	M/W	10:30am-11:45am	Online	Kirtman	10	Online
MPO 772 ATM Instructor Permission Required	37	Vortex Dynamics	3	M/W	3:00pm-4:15pm	MSC 329	Nolan	10	Hybrid
MPO 701 ATM	01	Seminar in MPO	1	W	3:00pm-4:00pm	SLAB 103	Kamenkovich		
MPO 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Mapes		
MPO 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Mapes		

Ocean Sciences (OCE)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
OCE 509/ 609	57	Coastal Physics & Engineering	3	T/R	3:00pm-4:15pm	MSC 343	Haus	10	Hybrid
OCE 610	01	Ocean Biogeochemistry	3	ARR	ARR	ARR	Hansell	5	Hybrid
OCE 537/637 ATM MPO	57	Natural Hazards: Atmosphere & Ocean	3	T/R	3:00pm-4:15pm	Online	Shay	12	Online
OCE 543/ 643 MPO	34	Physics of Remote Sensing II: Active Systems	3	M/W	12:00pm-1:15pm	MSC 125	Romeiser	8	Hybrid
OCE 551/ 651	54	Applied Ocean Acoustics & Marine Mammals	3	T/R	12:00pm-1:15pm	MSC 329	Brown	10	Hybrid
OCE 587/ 687 MPO	54	Applied Radar Remote Sensing	3	T/R	12:00pm-1:15pm	MSC 125	Romeiser & Graber	8	Hybrid
OCE 711 ATM MPO	51	Geophysical Fluid Dynamics II	3	T/R	9:00am-10:15am	Online	Mariano	12	Online
OCE 712 MPO	55	Large Scale Ocean Circulation: Models & Observations	3	T/R	1:30pm-2:45pm	MSC 329	Johns	12	Hybrid
OCE 790	51	Mechanics & Thermodynamics of the Air-Sea Interface	3	T/R	9:00am-10:15am	MSC 125	Haus & Graber	8	Hybrid
OCE 770	01	Seminar in OCE	1	F	11:00am-12:00pm	MSC 108 RSMAS Auditorium	Romeiser		

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
OCE 780	01	Capstone Independent Study of Coastal Engineering	3	ARR	ARR	MTLSS Bldg.	Haus		
OCE 805	01	MPS Internship	1-6	ARR	ARR	ARR	D'Alessandro		
OCE 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Romeiser		
OCE 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Romeiser		

RSMAS General Courses (RSM)

Enrollment Requirements for Research Diving
Must be completed by the deadlines specified in syllabus

1. Have a valid recreational diver certification with a major accredited agency.
2. Minimum of 10 logged open water dives, with at least 2 dives being within 6 months of starting the course (*this will be confirmed by UM Diving Safety Office (DSO)*).
3. Pass a swim test (swim tests will be scheduled during the week of **January 18-22, 2021**).
4. Complete a diving physical exam with a certified medical professional.

Please contact the instructor if you have any questions: robbie@miami.edu.

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 500/ 600 Enrollment Permission Required	01	Research Diving Techniques	3	M/W	10:30am-12:30pm	Pool RSMAS Campus	Christian	12	In Person This course can only be taken in person. Remote learners are not eligible for this course.
				R	4:30pm-6:00pm LECTURE	Online			
				F Dates Vary	7:00am-1:00pm	Open Water Dives			
RSM 500/ 600 Enrollment Permission Required	02	Research Diving Techniques	3	T/R	10:30am-12:30pm	Pool RSMAS Campus	Christian	12	In Person This course can only be taken in person. Remote learners are not eligible for this course.
				R	4:30pm-6:00pm LECTURE	Online			
				F Dates Vary	7:00am-1:00pm	Open Water Dives			
RSM 600 Enrollment Permission Required	03	Research Diving Techniques	3	R	4:30pm-6:00pm LECTURE	Online	Christian	12	In Person This course can only be taken in person. Remote learners are not eligible for this course. *In-water training and DFAPro practical training will take place after final exams. Detailed schedule will be made available later.
				*Special Dates: Monday-Friday May 13-28, 2021		Pool RSMAS Campus			
						Open Water Dives			

Enrollment Requirements for MOCC
Must possess a valid U.S. Driver's License with less than 6 points.

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 667 Enrollment Permission Required	01	Motorboat Operator Certification Course (MOCC)	2	M	8:00am-11:15am	ARR	Teare	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	02	MOCC	2	T	8:00am-11:15am	ARR	Teare	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	03	MOCC	2	R	8:00am-11:15am	ARR	Peebles	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	04	MOCC	2	F	8:00am-11:15am	ARR	Peebles	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	05	MOCC	2	M	1:15pm-4:30pm	ARR	Peebles	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	06	MOCC	2	T	1:15pm-4:30pm	ARR	Peebles	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	07	MOCC	2	R	1:15pm-4:30pm	ARR	Teare	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.
RSM 667 Enrollment Permission Required	08	MOCC	2	F	1:15pm-4:30pm	ARR	Teare	3	In Person This course can only be taken in person. Remote learners are not eligible for this course.

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 501/ 601 Instructor Permission Required	37	Scientific Freediving	3	M	3:00pm-4:15pm	SLAB 120	Paris-Limouzy & R. Paris	12	In Person This course can only be taken in person. Remote learners are not eligible for this course. Course Fee: TBA
				W	3:00pm-4:15pm	Pool RSMAS Campus			
RSM 513/ 613	52	Statistical Modeling of Extreme & Rare Events	3	T/R	10:30am-11:45am	Online	Mariano	10	Online

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 615	47	Marine Tourism & Conservation	3	W	3:00pm-5:30pm	Online	Macdonald	20	Online
RSM 616	58	Florida Topics in Environmental Law & Policy	3	T/R	4:30pm-5:45pm	MSC 108	Cox	30	Hybrid
RSM 520/ 620 COS 591/ 691 ECS 403 Enrollment Permission Required	Q	Climate & Society	3	T/R	1:00pm-2:15pm	TBA Coral Gables Campus	Clement, Maranto, & Harrison	19	Hybrid
RSM 521/ 621	C	Object-Oriented Programming & Agent-Based Modelling	3	M/W/F	10:30am-11:20am	TBA Coral Gables Campus	McManus	12	Hybrid
RSM 645	01	Science Communication: Professional Writing	1	Friday Special Dates: TBA Time: TBA		TBA	Fletcher	20	Hybrid
RSM 646	01	Science Communication: Presentation Boot Camp	1	Saturday & Sunday Special Dates: TBA Time: TBA		TBA	TBA	20	Hybrid
RSM 648	48	Management & Leadership in Marine & Atmospheric Science	3	M	4:30pm-7:00pm	SLAB 120	Coco	15	Hybrid
RSM 780 Enrollment Permission Required	01	Directed Readings Special Topics in Coral Reefs	1	R	4:00pm-4:50pm	Online	Baker	10	Online
RSM 780	02	Directed Readings Aerosol Technology	1	F	3:00pm-4:00pm	Online	Gaston	10	Online
RSM 700	01	Research Ethics	0	ARR	ARR	ARR	Soden		
RSM 771	01	Educational Training 1	0	ARR	ARR	ARR	Soden		
RSM 772	01	Educational Training 2	0	ARR	ARR	ARR	Soden		
RSM 773	01	Educational Training 3	0	ARR	ARR	ARR	Soden		

