

Important Dates:

Classes Begin: January 13, 2020

MLK Jr. Day (University Closed): January 20, 2020

Spring Recess: March 7 – 15, 2020

Last Day to Defend for Spring Graduation: April 3, 2020

Classes End: April 24, 2020

Final Exams: April 29 – May 6, 2020

Deadline for Completion of Thesis/Dissertation: May 6, 2020

Spring Commencement Ceremony: May 7, 2020

## Spring 2020 Schedule

### Atmospheric Sciences (ATM)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
ATM 624 MPO OCE	52	Applied Data Analysis	3	T/R	10:30am-11:45am	MSC 329	Mapes	15	
ATM 632 MPO JMM/ATM 306	J1	Broadcast Meteorology	3	W	5:05pm-7:50pm	Wolfson 1008B Coral Gables Campus	Phillips	10	
ATM 534/ 634	35	Introduction to Atmospheric Chemistry	3	M/W	1:30pm-2:45pm	MSC 125	Gaston	10	
ATM 536/ 636 MPO OCE	31	Hurricanes	3	M/W	9:00am-10:15am	MSC 125	Majumdar	15	
ATM 537/ 637 MPO OCE	57	Natural Hazards: Atmosphere & Ocean	3	T/R	3:00pm-4:15pm	MSC 329	Shay	18	
ATM 711 MPO OCE	51	Geophysical Fluid Dynamics II	3	T/R	9:00am-10:15am	MSC 343	Mariano	20	
ATM 765 MPO	32	General Circulation of the Atmosphere	3	M/W	10:30am-11:45am	MSC 329	Nolan	15	

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	Soden		
ATM 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Atlas		
ATM 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Atlas		

## Marine Biology and Ecology (MBE)

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MBE 505/ 605	51	Marine Mammal Disease & Medicine	3	T/R	9:00am-10:15am	SLAB 120	Zaias	18	
MBE 506/ 606	01	Procedures in Marine Mammal Health and Disease	1	ARR	ARR	ARR	Zaias	18	
MBE 507/ 607 <small>Enrollment Permission Required</small>	42	Marine Mammal Applied Behavior Analysis & Managed Care	3	F	10:00am-2:00pm	<b>Off-Campus Location:</b> Key Largo, FL Dolphins Plus	Richardson	12	<b>Special Fees:</b> \$1820 <b>Transportation is required to travel back and forth to Key Largo</b>
MBE 614	01	Tropical Marine Biology	3	<b>Special Dates:</b> January 3-10, 2020 <b>Location:</b> Broad Key, FL			D'Alessandro & Grubbs	12	
MBE 518/ 618	35	Reef Coral Biology, Ecology & Conservation	3	M/W	1:30pm-2:45pm	MTLSS 167	Baker	18	
MBE 621	47	Field Techniques & Instrumentation in Tropical Marine Ecology	3	W	3:00pm-4:15pm	SLAB 120	Langdon & D'Alessandro	20	<b>Four (4) Mandatory Weekend Field Trips</b> <b>Dates TBA</b> <b>Location:</b> Broad Key, FL
			F	9:00am-12:00pm	SLAB 120				
MBE 522/ 622 OCE	52	Marine Microbial Dynamics	3	T/R	10:30am-11:45am	SLAB 120	Popendorf	10	
MBE 586/ 686	54	Fish Physiology	3	T/R	12:00pm-1:15pm	MTLSS 167	Pasparakis	16	
MBE 670 BIL 261/ 661	R	<b>Special Topics</b> Physiology of the O2 Transport Cascade	3	T/R	2:00pm-3:15pm	Cox 166 <b>Coral Gables Campus</b>	McCracken	5	
MBE 716	51	Bayesian Statistics for Marine Scientists	3	T/R	9:00am-10:15am	SLAB 114	Babcock	15	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MBE 702	01	Biological Oceanography Seminar	1	F	1:00pm-2:00pm	SLAB 103	Fieber		
MBE 805	01	MPS Internship	1-6	ARR	ARR	ARR	Soden		
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	SG 116	Meltzoff	12	
MES 604 LAS 302/ 604 ECS 372 LAW 629  Enrollment Permission Required	4K	Fieldwork in Coastal Management: Tourism, Conservation, & Development	3	W	6:35pm-9:20pm	Dooley 217 Coral Gables Campus	Suman	7	<b>Spring Break Field Trip</b> March 6-15, 2020 <b>Location:</b> Panama <b>Additional Costs:</b> \$650 + Airfare
MES 610 LAW 601	57	Environmental Policy & the Environmental Impact Statement	3	T/R	3:00pm-4:15pm	MSC 343	Suman	20	
MES 513/ 613	32	Aquaculture II – Lab	3	M/W	10:30am-11:45am	SLAB 114	Benetti	15	
MES 514/ 614	32	Underwater Archaeology Field Techniques	3	M	10:30am-11:45am	SG 116	Hanselmann	10	Prerequisite: RSM 600
				W	8:00am-12:00pm	Practicum			
MES 615	01	Marine Archaeological Survey & Technology	3	ARR	ARR	ARR	Hanselmann	10	<b>Spring Break Field Trip</b> <b>Location:</b> Broad Key, FL <b>Recommended</b> Prerequisite: RSM 667
MES 618	54	Coastal Zone Management	3	T/R	12:00pm-1:15pm	SG 116	Suman	20	
MES 623	34	Applied Environmental Economics	3	M/W	12:00pm-1:15pm <b>LECTURE</b>	SLAB 120	Molina	20	Prerequisite: MES 624 or Permission <b>Students must enroll in both sections</b>
	4F			W	1:30pm-2:30pm <b>DISCUSSION</b>	SLAB 120			
MES 527/ 627	01	Exploration Science Field Studies	3	<b>Special Dates:</b> Arranged Meetings During Semester		RSMAS Library Media Room	Haywood	9	<b>Spring Break Field Trip</b> <b>Travel Dates TBA</b> <b>Location:</b> Channel Islands, CA <b>Additional Costs:</b> \$2200 + Airfare

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 528/ 628	52	Seafood Market & Marketing	3	T/R	10:30am-11:45am	SLAB 114	Walsh	15	
MES 529/ 629	52	Biology, Ecology, & Management of Mangrove Ecosystems	3	T/R	10:30am-11:45am	SG 116	Araujo	15	
MES 631	34	Marine and Coastal Protected Area Theory, Planning, Management, and Issues	3	M/W	12:00pm-1:15pm	MSC 123	Shivlani	24	
MES 534/ 634	54	Shark Behavioral Ecology & Conservation	3	T/R	12:00pm-1:15pm	MSC 123	Hammerschlag	20	Pre/Co-requisite: MES 660/661 or equivalent
MES 534/ 634 ECS 572	55	Shark Behavioral Ecology & Conservation	3	T/R	1:30pm-2:45pm	MSC 123	Hammerschlag	20	Pre/Co-requisite: MES 660/661 or equivalent
MES 646	32	Marine Population Biology Processes & Modeling	3	M/W	10:30am-11:45am	SLAB 120	Die	18	
MES 660	31	Introduction to Marine Geographic Information Systems (GIS) Lecture	3	M	9:00am-10:15am	MSC 343	Estevanez	15	Corequisite: MES 661 (01)
MES 661	01	Introduction to Marine GIS Lab	0	W	9:00am-10:15am	MSC 343	Estevanez	15	Corequisite: MES 660 (31)
MES 660	51	Introduction to Marine GIS Lecture	3	T	9:00am-10:15am	MSC 123	Purcell	15	Corequisite: MES 661 (02)
MES 661	02	Introduction to Marine GIS Lab	0	R	9:00am-10:15am	MSC 123	Purcell	15	Corequisite: MES 660 (51)
MES 662	35	Intermediate Spatial Analysis	3	M/W	1:30pm-2:45pm	MSC 343	Estevanez	20	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 565/ 665	58	Science & Natural History Media Production	3	T/R	4:30pm-5:45pm	SG 116	Haywood	12	
MES 572/ 672	49	The Archaeology of Seafaring	3	W	5:00pm-7:45pm	SLAB 114	Marano	10	
MES 673  Enrollment Permission Required	68	Marine Conservation Outreach	3	T	4:30pm-7:00pm	MSC 125	Macdonald & Bretos	16	<b>Spring Break Field Trip</b> <b>Dates TBA</b> <b>Location: Mexico</b> <b>Additional Costs:</b> \$1500 + Airfare
MES 677	37	Management and Conservation of Marine Ecosystems	3	M/W	3:00pm-4:15pm	SG 116	Die	24	
MES 710	57	International Ocean Law & Governance	3	T/R	3:00pm-4:15pm	SG 116	Shivlani	24	
MES 805	01	MPS Internship	1-6	ARR	ARR	ARR	Soden		
MES 810	01	Master's Thesis	1-6	ARR	ARR	ARR	Letson		
MES 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Letson		

## 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 123	Eberli	12	
MGS 513/ 613	1B	Introduction to Geochemistry	3	M/W/F	9:05am-9:55am	Cox 52 Coral Gables Campus	Oehlert	12	
MGS 519/ 619	01	Field Studies of Geobiology in Tropical Marine Environments	3	ARR	ARR	ARR	Reid	7	<b>Dates TBA</b> <b>Field Location:</b> Exuma, Bahamas <b>Additional Costs:</b> Airfare
MGS 634 GSC 550	1J	Hydrological Hazards	3	M	5:30pm-8:15pm	Cox 47 Coral Gables Campus	Olson & Rossinsky	6	
MGS 642	01	Field Evaluation of Fossil Platforms, Margins, & Basins II	2	ARR	ARR	ARR	Eberli, McNeill, Swart & Klaus	5	<b>Dates TBA</b> <b>Field Location:</b> TBA
MGS 583/ 683	7F	Scanning Electron Microscopy	2	F	1:30pm-3:30pm	Knight Physics 142A Coral Gables Campus	Blackwelder	10	
MGS 722	31	Geophysical Inverse Theory	3	M/W	9:00am-10:15am	SLAB 114	Amelung	10	
MGS 724	01	Seismic Interpretation of Carbonate Systems	2	ARR	ARR	ARR	Eberli	10	
MGS 725	01	Petrophysics of Carbonates	2	ARR	ARR	ARR	Eberli & Weger	10	
MGS 726	01	Carbonate Diagenesis & Petrography	2	ARR	ARR	ARR	Swart & MacKenzie	10	



COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MGS 727	01	Analysis of Carbonate Cores & Logs	2	ARR	ARR	ARR	Eberli & McNeill	10	
MGS 750	45	Stable Isotopes in Biogeochemical Processes	3	F	1:30pm-4:00pm	SLAB 114	Swart	10	
MGS 776	55	Paleoclimatology	3	T/R	1:30pm-2:45pm	SLAB 114	Peterson	10	
MGS 701	01	Seminar in MGS	1	R	12:00pm-1:00pm	SLAB 120	Oehlert		
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 624 ATM OCE	52	Applied Data Analysis	3	T/R	10:30am-11:45am	MSC 329	Mapes	15	
MPO 632 ATM JMM/ATM 306	J1	Broadcast Meteorology	3	W	5:05pm-7:50pm	Wolfson 1008B Coral Gables Campus	Phillips	10	
MPO 636 ATM OCE	31	Hurricanes	3	M/W	9:00am-10:15am	MSC 125	Majumdar	15	
MPO 637 ATM OCE	57	Natural Hazards: Atmosphere & Ocean	3	T/R	3:00pm-4:15pm	MSC 329	Shay	18	
MPO 643 OCE	34	Physics of Remote Sensing II: Active Systems	3	M/W	12:00pm-1:15pm	MSC 125	Romeiser	15	
MPO 687 OCE	54	Applied Radar Remote Sensing	3	T/R	12:00pm-1:15pm	MSC 125	Romeiser & Graber	15	
MPO 711 ATM OCE	51	Geophysical Fluid Dynamics II	3	T/R	9:00am-10:15am	MSC 343	Mariano	20	
MPO 712 OCE	55	Large-Scale Ocean Circulation: Models & Observations	3	T/R	1:30pm-2:45pm	MSC 329	Johns	12	
MPO 765 ATM	32	General Circulation of the Atmosphere	3	M/W	10:30am-11:45am	MSC 329	Nolan	15	
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	Iskandarani		
MPO 830	01	Doctoral Dissertation	1-12	ARR	ARR	ARR	Iskandarani		

## 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	SLAB 120	Haus	12	
OCE 610	31	Ocean Biogeochemistry	3	M/W	9:00am-10:15am	SLAB 286	Hansell	8	
OCE 512/ 612	57	Marine Organic Geochemistry	3	T/R	3:00pm-4:15pm	SLAB 114	Close	8	
OCE 522/ 622 MBE	52	Marine Microbial Dynamics	3	T/R	10:30am-11:45am	SLAB 120	Popendorf	10	
OCE 624 ATM MPO	52	Applied Data Analysis	3	T/R	10:30am-11:45am	MSC 329	Mapes	15	
OCE 636 ATM MPO	31	Hurricanes	3	M/W	9:00am-10:15am	MSC 125	Majumdar	15	
OCE 537/637 ATM MPO	57	Natural Hazards: Atmosphere & Ocean	3	T/R	3:00pm-4:15pm	MSC 329	Shay	18	
OCE 543/ 643 MPO	34	Physics of Remote Sensing II: Active Systems	3	M/W	12:00pm-1:15pm	MSC 125	Romeiser	15	
OCE 551/ 651	54	Applied Ocean Acoustics & Marine Mammals	3	T/R	12:00pm-1:15pm	MSC 329	Brown	15	
OCE 576/ 676	52	Wave Propagation in the Ocean Environment	3	T/R	10:30am-11:45am	MSC 125	Romeiser	15	
OCE 587/ 687 MPO	54	Applied Radar Remote Sensing	3	T/R	12:00pm-1:15pm	MSC 125	Romeiser & Graber	15	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
OCE 711 ATM MPO	51	Geophysical Fluid Dynamics II	3	T/R	9:00am-10:15am	MSC 343	Mariano	20	
OCE 712 MPO	55	Large Scale Ocean Circulation: Models & Observations	3	T/R	1:30pm-2:45pm	MSC 329	Johns	12	
OCE 790	51	Mechanics & Thermodynamics of the Air-Sea Interface	3	T/R	9:00am-10:15am	MSC 125	Haus & Graber	8	
OCE 770	01	Seminar in OCE	1	F	11:00am-12:00pm	RSMAS Auditorium	Romeiser		
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	Soden		
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

Valid open water diver certification with an accredited agency; must have a minimum of 10 logged open water dives with at least 2 dives being within the past 6 months; be able to pass a swim test and diving physical exam by the beginning of the course.

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 500/ 600 <small>Enrollment Permission Required</small>	01	Research Diving Techniques	3	M/W	10:30am-12:30pm	Pool RSMAS Campus	Riera-Gomez & Christian	12	<b><u>Mandatory Field Trip</u></b> April 3-5, 2020 <b>Location:</b> Little Salt Spring, FL
				M	4:30pm-6:00pm	SG 116			
				F	7:00am-1:00pm	OW Dives			
RSM 500/ 600 <small>Enrollment Permission Required</small>	02	Research Diving Techniques	3	T/R	10:30am-12:30pm	Pool RSMAS Campus	Riera-Gomez & Christian	12	<b><u>Mandatory Spring Break Field Trip</u></b> March 7-14, 2020 <b>Location:</b> Bonaire <b>Additional Costs:</b> \$1400 + Airfare
				M	4:30pm-6:00pm	SG 116			

### 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 <small>Enrollment Permission Required</small>	01	Motorboat Operator Certification Course (MOCC)	2	T	8:00am-11:15am	ARR	Teare	3	
RSM 667 <small>Enrollment Permission Required</small>	02	MOCC	2	W	8:00am-11:15am	ARR	Teare	3	
RSM 667 <small>Enrollment Permission Required</small>	03	MOCC	2	R	8:00am-11:15am	ARR	Peebles	3	
RSM 667 <small>Enrollment Permission Required</small>	04	MOCC	2	F	8:00am-11:15am	ARR	Teare	3	
RSM 667 <small>Enrollment Permission Required</small>	05	MOCC	2	T	1:15pm-4:30pm	ARR	Peebles	3	
RSM 667 <small>Enrollment Permission Required</small>	06	MOCC	2	W	1:15pm-4:30pm	ARR	Teare	3	
RSM 667 <small>Enrollment Permission Required</small>	07	MOCC	2	R	1:15pm-4:30pm	ARR	Peebles	3	
RSM 667 <small>Enrollment Permission Required</small>	08	MOCC	2	F	1:15pm-4:30pm	ARR	Peebles	3	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 501/ 601 <i>Instructor Permission Required</i>	37	Scientific Freediving	3	M	3:00pm-4:15pm	SLAB 114	Paris-Limouzy	8	
				W	<b>TBA</b>	Pool RSMAS Campus			
RSM 513/ 613	52	Statistical Modeling of Extreme & Rare Events	3	T/R	10:30am-11:45am	MSC 343	Mariano	20	
RSM 615	47	Marine Tourism & Conservation	3	W	3:00pm-5:30pm	MSC 125	Macdonald	15	
RSM 520/620	1Q	Climate & Society	3	T	12:30pm-3:00pm	Unger 230C Coral Gables Campus	Clement & Maranto	15	
RSM 521/ 621	Q1	Object-Oriented Programming & Agent-Based Modelling	3	T/R	12:30pm-1:45pm	Cox 42 Coral Gables Campus	McManus	18	
RSM 645	01	Science Communication: Professional Writing	1	<b>Friday</b> <b>Special Dates:</b> January 17, 24, 31, 2020 February 7, 14, 2020 March 6 and April 3, 2020 <b>Time:</b> 1:00pm-3:30pm		SLAB 120	Fletcher	10	
RSM 648	48	Management & Leadership in Marine & Atmospheric Science	3	M	4:30pm-7:00pm	MSC 125	Coco	15	
RSM 649	01	Science Communication: Advanced Presentation Boot Camp	1	<b>Saturday &amp; Sunday</b> <b>Special Dates:</b> <b>TBA</b> <b>Time:</b> 8:30am-4:30pm		TBA	Tankersley	15	
RSM 565/ 665	J	Fish Ecology & Oceanography	3	W	5:05pm-7:50pm	Cox 47 Coral Gables Campus	Olson	12	
RSM 780 <i>Enrollment Permission Required</i>	01	<b>Directed Readings</b> Special Topics in Coral Reefs	1	R	4:00pm-4:50pm	MSC 125	Baker	10	
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		

