

**Important Dates:**

Classes Begin: August 19, 2019  
 Labor Day (University Closed): September 2, 2019  
 Fall Recess: October 17 – 20, 2019  
 Last Day to Defend for Fall Graduation: November 1, 2019  
 Thanksgiving Recess: November 23 – December 1, 2019  
 Thanksgiving Holiday (University Closed): November 28 – 29, 2019  
 Classes End: December 3, 2019  
 Final Exams: December 5 – 11, 2019  
 Deadline for Completion of Thesis/Dissertation: December 11, 2019  
 Fall Commencement: December 12, 2019

**Fall 2019 Schedule****Atmospheric Sciences (ATM)**

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
ATM 611 MPO OCE	57	Geophysical Fluid Dynamics I	3	T/R	3:00pm-4:15pm	MSC 343	Ozgokmen	15	
ATM 614	55	Introduction to Weather & Climate	3	T/R	1:30pm-2:45pm	MSC 125	Soden	10	
ATM 651 MPO	32	Introduction to Atmospheric Dynamics	3	M/W	10:30am-11:45am	MSC 343	Mapes	16	
ATM 652 MPO	52	Introduction to Atmospheric Physics	3	T/R	10:30am-11:45am	MSC 329	Zuidema	16	
ATM 553/ 653 MPO	35	Climate Change	3	M/W	1:30pm-2:45pm	MSC 329	Clement	15	
ATM 768 MPO	32	ENSO Dynamics, Prediction, and Predictability	3	M/W	10:30am-11:45am	MSC 329	Kirtman	10	
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 604	Q	Biology of Marine Mammals	3	T/R	12:30pm-1:45pm	Unger 230C Coral Gables Campus	Richardson	12	
MBE 615	55	Tropical Marine Ecology	3	T/R	1:30pm-2:45pm	MSC 343	Langdon, Lirman & Baker	35	
MBE 535/ 635	46	Practical Computing for Biologists	3	M	2:00pm-4:30pm	RSMAS Library Media Room	Crawford & Oleksiak	12	
MBE 643  Instructor Permission Required	01	Ecology, Conservation, & Ecotourism in the Galapagos	3	<b>Special Dates:</b> 12/07/2019-12/22/2019			D'Alessandro	15	<b>Special Fees:</b> <b>\$2500 + Airfare</b> (includes housing, meals, and mandatory field excursions)
MBE 702	01	Biological Oceanography Seminar	1	F	1:00pm-2:00pm	SLAB 103	Fieber		
MBE 704	32	Biological Oceanography	3	M/W	10:30am-11:45am	MSC 125	Brand	18	
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 602	55	Economics of Natural Resources	3	T/R	1:30pm-2:45pm	SG 116	Letson	23	
MES 512/ 612	32	Aquaculture I	3	M/W	10:30am-11:45am	SLAB 114	Benetti	15	
MES 616	35	Ocean Policy Development & Analysis	3	M/W	1:30pm-2:45pm	MSC 123	Shivlani	24	
MES 517/ 617	55	Aquaculture IV: Aquaculture Business, Regulatory, and Environmental Considerations	3	T/R	1:30pm-2:45pm	SLAB 114	Stieglitz	15	
MES 520/ 620	57	Environmental Law & Policy	3	T/R	3:00pm-4:15pm	MSC 123	K. Cox	25	
MES 622	32	Principles and Practices of Marine Social Science Research	3	M/W	10:30am-11:45am	MSC 123	Araujo & Shivlani	20	
MES 624	34	Data Analysis for Environmental Policy	3	M/W	12:00pm-1:15pm LECTURE	MSC 123	Molina	20	Students must enroll in both sections
	4G			M	3:00pm-4:00pm DISCUSSION	MSC 123			
MES 525/ 625	51	Fisheries Socioeconomics & Management	3	T/R	9:00am-10:15am	SLAB 114	Agar	20	
MES 626	45	Submerged Cultural Resource Management	3	W	1:30pm-4:00pm	MSC 125	Hanselmann	10	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 532/ 632	45	Theory & Method in Underwater & Maritime Archaeology	3	M	1:30pm-4:00pm	MSC 125	Hanselmann	12	
MES 633	57	Decision Analysis: Natural Hazards & Catastrophes	3	T/R	3:00pm-4:15pm	SG 116	Letson	20	
MES 660	31	Introduction to Marine Geographic Information Systems (GIS)	3	M	9:00am-10:15am	MSC 123	Estevanez	30	Corequisite: MES 661 (01 or 02)
MES 661	01	Intro to Marine GIS Lab	0	W	9:00am-10:15am	MSC 123	Estevanez	15	Corequisite: MES 660 (31)
MES 661	02	Intro to Marine GIS Lab	0	W	9:00am-10:15am	MSC 123	Estevanez	15	Corequisite: MES 660 (31)
MES 660	54	Introduction to Marine GIS (Lecture)	3	T	12:00pm-1:15pm	MSC 123	Purcell	15	Corequisite: MES 661 (03)
MES 661	03	Intro to Marine GIS Lab	0	R	12:00pm-1:15pm	MSC 123	Purcell	15	Corequisite: MES 660 (54)
MES 664 ECS 376	57	Citizen & Participatory Science	3	T/R	3:00pm-4:15pm	SLAB 114	Haywood	20	
MES 670	43	Conservation & Management of Marine Mammals	3	F	11:30am-2:30pm	SLAB 114	H. Herring & S. Loos	18	
MES 671	52	Marine Conservation Biology	3	T/R	10:30am-11:45am	SLAB 120	C. Macdonald	20	
MES 671	54	Marine Conservation Biology	3	T/R	12:00pm-1:15pm	SLAB 120	C. Macdonald	20	
MES 574/ 674	61	From Gold to Glory: History & Ethics of Exploration	3	T	9:00am-11:30am	SG 116	Broad	24	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
MES 680 ECS 601	4G	Special Topics Interdisciplinary Environmental Research: Intro to the Why & the How	3	W	2:30pm-5:00pm	Unger 230C/D Coral Gables Campus	Mach	10	
MES 713	32	Marine Population Dynamics	3	M/W	10:30am-11:45am	SG 116	Die	8	
MES 720	58	Coastal Law & Policy	3	T/R	4:30pm-5:45pm	SG 116	Suman	15	
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 514/ 614	D1	Geophysics	3	M/W/F	11:15am-12:05pm	Cox 47 Coral Gables Campus	Becker & Lin	12	
MGS 535/ 635	31	Geological Hazards	3	M/W	9:00am-10:15am	N351 MGS Conf. Room	Amelung	12	
MGS 591/ 691	45	Research Methods in Electron Microscopy	2	F	1:30pm-3:00pm	Knight Physics 142A Coral Gables Campus	Blackwelder	12	
MGS 761	01	Sedimentary Petrography	3	ARR	ARR	MGS Microscope	Reid	10	
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 603 OCE	52	Physical Oceanography	3	T/R	10:30am-11:45am	MSC 343	Mariano	15	
MPO 611 ATM OCE	57	Geophysical Fluid Dynamics I	3	T/R	3:00pm-4:15pm	MSC 343	Ozgekmen	15	
MPO 642 OCE	37	Physics of Remote Sensing I: Passive Systems	3	M/W	3:00pm-4:15pm	MSC 343	Minnett	15	
MPO 651 ATM	32	Introduction to Atmospheric Dynamics	3	M/W	10:30am-11:45am	MSC 343	Mapes	16	
MPO 652 ATM	52	Introduction to Atmospheric Physics	3	T/R	10:30am-11:45am	MSC 329	Zuidema	16	
MPO 653 ATM	35	Climate Change	3	M/W	1:30pm-2:45pm	MSC 329	Clement	15	
MPO 686 OCE	31	Applied Remote Sensing	3	M/W	9:00am-10:15am	SLAB 114	Minnett	15	
MPO 762 OCE	34	Computer Models of Fluid Dynamics	3	M/W	12:00pm-1:15pm	MSC 329	Iskandarani	10	
MPO 768 ATM	32	ENSO Dynamics, Prediction, and Predictability	3	M/W	10:30am-11:45am	MSC 329	Kirtman	10	
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 503/ 603 MPO	52	Physical Oceanography	3	T/R	10:30am-11:45am	MSC 343	Mariano	15	
OCE 611 ATM MPO	57	Geophysical Fluid Dynamics I	3	T/R	3:00pm-4:15pm	MSC 343	Ozgekmen	15	
OCE 542/ 642 MPO	37	Physics of Remote Sensing I: Passive Systems	3	M/W	3:00pm-4:15pm	MSC 343	Minnett	15	
OCE 575/ 675	31	Fluid Mechanics	3	M/W	9:00am-10:15am	MSC 125	Brown	15	
OCE 586/ 686 MPO	31	Applied Remote Sensing	3	M/W	9:00am-10:15am	SLAB 114	Minnett	15	
OCE 701	51	Mathematical Methods in Marine Physics	3	T/R	9:00am-10:15am	MSC 125	Iskandarani & Brown	10	
OCE 705	34	Chemical Oceanography	3	M/W	12:00pm-1:15pm	MSC 343	Wu	8	
OCE 762 MPO	34	Computer Models of Fluid Dynamics	3	M/W	12:00pm-1:15pm	MSC 329	Iskandarani	10	
OCE 770	01	Seminar in Ocean Sciences	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)

<b>Enrollment Requirements for Research Diving</b> 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 <i>Enrollment Permission Required</i>	01	Research Diving Techniques	3	M	7:30am-11:00am	Pool Coral Gables Campus	Riera-Gomez & Christian	12	<b>Mandatory Fieldtrip</b> Date: <b>TBA</b> Location: Little Salt Spring
				M	4:30pm-6:00pm	SG 116			
				F	7:00am-1:00pm	OW Dives			
RSM 500/ 600 <i>Enrollment Permission Required</i>	02	Research Diving Techniques	3	T	7:30am-11:00am	Pool Coral Gables Campus	Riera-Gomez & Christian	12	<b>Mandatory Fieldtrip</b> Date: <b>TBA</b> Location: Bonaire Additional Costs: \$1400 + Airfare
				M	4:30pm-6:00pm	SG 116			
<b>Enrollment Requirements for MOCC</b> 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 <i>Enrollment Permission Required</i>	01	Motorboat Operator Certification Course (MOCC)	2	T	8:00am-11:15am	ARR	Teare	3	
RSM 667 <i>Enrollment Permission Required</i>	02	MOCC	2	W	8:00am-11:15am	ARR	Teare	3	
RSM 667 <i>Enrollment Permission Required</i>	03	MOCC	2	R	8:00am-11:15am	ARR	Teare	3	
RSM 667 <i>Enrollment Permission Required</i>	04	MOCC	2	F	8:00am-11:15am	ARR	Teare	3	
RSM 667 <i>Enrollment Permission Required</i>	05	MOCC	2	T	1:15pm-4:30pm	ARR	Peebles	3	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 667 Enrollment Permission Required	06	MOCC	2	W	1:15pm-4:30pm	ARR	Peebles	3	
RSM 667 Enrollment Permission Required	07	MOCC	2	R	1:15pm-4:30pm	ARR	Peebles	3	
RSM 667 Enrollment Permission Required	08	MOCC	2	F	1:15pm-4:30pm	ARR	Peebles	3	

COURSE	SEC	COURSE NAME	CR	DAY	TIME	ROOM	INSTRUCTOR	SEATS	NOTES
RSM 612	51	Statistics for Marine Scientists	3	T/R	9:00am-10:15am	MSC 123	Babcock	25	
RSM 612	52	Statistics for Marine Scientists	3	T/R	10:30am-11:45am	MSC 123	Babcock	25	
RSM 622	01	Data Management for Scientists	2	ARR	ARR	ARR	Babcock	5	
RSM 646	01	Science Communication: Presentation Boot Camp	1	<b>Special Dates:</b> Saturday & Sunday 10/12/2019-10/13/2019 <b>Time: 8:30am-4:30pm</b>		SLAB 114	Tankersley	20	
RSM 647 TAL 675	48	Methods for Marine & Atmospheric Education	3	M	4:30pm-7:00pm	MSC 125	Coco	10	
RSM 780 Instructor Permission Required	01	Directed Readings Special Topics in Coral Reefs	1	R	4:00pm-5:00pm	MSC 125	Baker	10	
RSM 780	03	Directed Readings Directed Reading and Writing on Aerosols and Clouds	1	F*	12:00pm-1:30pm	MPO Conf. Room	Zuidema	5	*Class meets every other Friday
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		

