

DATE: 10-12-2015
TIME: 20:10:03

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
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COLLEGE : D - Environment
DEPARTMENT: OCEANOGRAPHY

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q N G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 100	EXPLORE UW OCEAN Explore Oceanography at UW	AUT/2010 - AUT/9999	1.0			CR/NC								
					LAST UPDT: 9/02/10 APPROVED: 5/20/08									
					COMMENT:CHG DESC									
OCEAN 101	OCEANOGR PACIFIC NW Oceanography of the Pacific Northwest	SPR/2013 - AUT/9999	5.0					Y		Y				
					LAST UPDT: 4/16/13									
					FEE TYPE:1 \$25.00 BUDGET:099670 REV OBJ CD:943081									
OCEAN 102	THE CHANGING OCEANS The Changing Oceans	SPR/2010 - AUT/9999	5.0							Y	Y			
					LAST UPDT: 2/10/10 APPROVED: 3/18/71									
					COMMENT:MOVE COLLEGE									
OCEAN 115	INTRO ASTROBIOLOGY Astrobiology: Life in the Universe	SPR/2010 - AUT/9999	5.0							Y		ASTBIO115	ASTBIO115	
					LAST UPDT: 2/10/10 APPROVED: 2/27/04									
					COMMENT:MOVE COLLEGE									
					ESS 115 ASTR 115 BIOL 114									
OCEAN 121	DEEP SEA VENTS Deep Sea Exploration: Submarine Volcanoes and Novel Life Forms	WIN/2011 - AUT/9999	2.0							Y				
					LAST UPDT:10/16/13 APPROVED:11/16/10									
OCEAN 200	INTRO OCEANOGRAPHY Introduction to Oceanography	SPR/2010 - AUT/9999	3.0							Y				
					LAST UPDT: 2/10/10 APPROVED: 5/04/84									
					COMMENT:MOVE COLLEGE									
OCEAN 201	INTRO OCEAN LAB Introduction to Oceanography Lab	SPR/2010 - AUT/9999	2.0					Y		Y				
					LAST UPDT: 7/23/15 APPROVED:12/16/08									
					FEE TYPE:1 \$25.00 BUDGET:750364 REV OBJ CD:943081									
OCEAN 210	INTEGRATIVE OCEANS Integrative Oceans	AUT/2014 - AUT/9999	4.0							Y				
					LAST UPDT: 3/19/14 APPROVED: 5/04/84									
					COMMENT:CHG TITLES, DESC, CREDITS									
OCEAN 215	OCEAN DATA ANALYSIS Methods of Oceanographic Data Analysis	SPR/2015 - AUT/9999	4.0											
					LAST UPDT: 4/13/15 APPROVED: 2/17/15									

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OCEAN 220	INTRO FIELD OCEAN Introduction to Field Oceanography	SPR/2011 - AUT/9999	3.0-05.0		.	.	.	. . Y	.	. . Y	. . . Y			.
					LAST UPDT: 7/23/15 APPROVED:10/05/73 FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081									
OCEAN 230	RIVERS AND BEACHES Rivers and Beaches	SPR/2010 - AUT/9999	3.0-05.0		.	.	.	. . Y	.	. . Y		ESS 230	ESS 230	.
					LAST UPDT: 7/23/15 APPROVED: 4/28/03 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081									
OCEAN 235	ARCTIC CHANGE Arctic Change	SPR/2014 - AUT/9999	2.0-03.0		.	.	.	. . .	.	Y Y				.
					LAST UPDT: 2/19/15 APPROVED: 2/15/11									
					COMMENT:WAS OCEAN 122, CHG CREDITS									
OCEAN 240	ISSUES IN OCEAN Contemporary Issues in Oceanography	SPR/2010 - AUT/9999	1.0-05.0	9.0	.	.	.	. . Y	.	. . Y				.
					LAST UPDT: 8/06/12 APPROVED: 9/17/96 FEE TYPE:1 \$50.00 BUDGET:069670 REV OBJ CD:943081									
OCEAN 250	MARINE BIOLOGY Marine Biology	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	. . Y	.	Y Y		FISH 250	BIOL 250	.
					LAST UPDT: 7/23/15 APPROVED: 2/21/01 FEE TYPE:1 \$75.00 BUDGET:069602 REV OBJ CD:943081									
					COMMENT:MOVE COLLEGE									
OCEAN 260	PUGET ECOSYSTEM THE PUGET SOUND ECOSYSTEM	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	. . Y	.	Y Y		OCEAN 260	ENVIR 260	.
					LAST UPDT: 8/06/12 APPROVED:11/21/05 FEE TYPE:1 \$50.00 BUDGET:750364 REV OBJ CD:943081									
					COMMENT:MOVE COLLEGE									
OCEAN 261	INTRO OCEAN TECH Introduction to Ocean Technololgy	SPR/2015 - AUT/9999	2.0		.	.	.	. . .	.	. . Y				.
					LAST UPDT: 2/18/15 APPROVED: 2/17/15									
OCEAN 270	AQUATIC ECOPHYSLGY Aquatic Ecophysiology	AUT/2015 - AUT/9999	5.0		.	.	.	. . .	.	. . Y		FISH 270	MARBI0270	.
					LAST UPDT: 7/23/15 APPROVED:12/16/14									
					FISH 270									
OCEAN 285	FLUID MECH & WAVES Physics Across Oceanograhpy: Fluid Mechanics and Waves	WIN/2016 - AUT/9999	5.0		.	.	.	. . Y	.	. . Y				.
					LAST UPDT: 9/30/15 APPROVED:11/18/14 FEE TYPE:1 \$20.00 BUDGET:099670 REV OBJ CD:943081									

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COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U GRD MAX P SYS	D E HYPH	S H F U N E M R E						RESPONS COURSE	JOINT COURSES		
OCEAN 295	MARINE ORG CHEM Chemistry of Marine Organic Carbon	SPR/2015 - AUT/9999	5.0	.	.	. . .	.	.	Y						.
				LAST UPDT: 7/23/15 APPROVED: 6/02/15											
OCEAN 300	EXPLORE OPPS MARINE Exploring Opportunities in Marine Science	AUT/2015 - AUT/9999	1.0	.	CR/NC .	. . .	.	.				OCEAN 300 FISH 300			.
				LAST UPDT: 7/23/15 APPROVED: 2/18/14											
OCEAN 350	STR & PRCS MAR ORG STRUCTURE AND PROESS IN MARINE ORGANISMS	SPR/2010 - AUT/9999	3.0	.	.	. . .	.	.	Y						.
				LAST UPDT:10/07/13 APPROVED: 1/31/05											
	COMMENT:MOVE COLLEGE														
OCEAN 351	FND OCEAN SENSORS Foundations of Ocean Sensors	WIN/2016 - AUT/9999	3.0	.	.	. . .	.	.	Y . . Y .						.
				LAST UPDT: 7/27/15											
OCEAN 355	BIG BANG-BLU PLANET From Big Bang to the Blue Planet	SPR/2010 - AUT/9999	3.0	.	.	. . .	.	.	Y						.
				LAST UPDT: 2/10/10 APPROVED: 9/16/08											
	COMMENT:MOVE COLLEGE														
OCEAN 361	OC TECH I SENSORS Ocean Technology I: Introduction to Underwater	SPR/2015 - AUT/9999	2.0	.	.	. . .	.	.	Y						.
				Observational Sensor Design and Build LAST UPDT: 2/18/15 APPROVED: 2/17/15											
OCEAN 365	SUSTAINABILITY SCI Practicing Sustainability Science	SPR/2010 - AUT/9999	8.0	.	.	. . .	.	.	Y Y						.
				LAST UPDT: 2/10/10 APPROVED: 6/13/06											
	COMMENT:MOVE COLLEGE														
OCEAN 370	MARINE EVOLN BIOL Marine Evolutionary Biology	SPR/2015 - AUT/9999	5.0	.	.	. . .	.	.	Y			FISH 370 MARBIO370			.
				LAST UPDT: 7/23/15 APPROVED:12/16/14											
				FISH 370											
OCEAN 400	CHEMICAL OCEAN Chemical Oceanography	SPR/2010 - AUT/9999	4.0	.	.	. . .	.	.	Y						.
				LAST UPDT: 2/10/10											
	COMMENT:MOVE COLLEGE														
OCEAN 401	SPEC TOP CHEM OCEAN Special Topics in Chemical Oceanography	SPR/2010 - AUT/9999	3.0	.	.	. . .	.	.	Y						.
				LAST UPDT: 2/10/10 APPROVED: 3/28/01											
	COMMENT:MOVE COLLEGE														

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C N C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 409	MARINE POLLUTION Marine Pollution	WIN/2015 -	AUT/9999	3.0	.	.	.	.	.	Y	Y	.	.	.
LAST UPDT:11/19/14 APPROVED:11/18/14														
OCEAN 410	MAR GEOL AND GEOPHY Marine Geology and Geophysics	AUT/2010 -	AUT/9999	4.0	.	.	.	Y	.	Y	.	OCEAN 410 ESS	410	.
LAST UPDT: 7/23/15														
COMMENT:CHG PREQ, DESC FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081														
OCEAN 411	SPEC TOP GEO/GPHYS Special Topics in Marine Geology and Geophysics	SUM/2011 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 3/29/11 APPROVED: 3/28/01														
COMMENT:UWCR COMMITTE REMOVE QSR														
OCEAN 412	SEIS EXPLO & STRAT Seismic Exploration and Stratigraphy	SPR/2010 -	AUT/9999	5.0	.	.	.	.	.	.	.	ESS 467 ESS	467	.
LAST UPDT: 2/10/10 APPROVED: 9/15/09														
OCEAN 420	PHYS PROC OCEAN Physical Processes in the Ocean	WIN/2014 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 6/05/13 APPROVED: 2/21/01														
COMMENT:CHG PREQ														
OCEAN 421	SPEC TOP PHYS OCEAN Special Topics in Physical Oceanography	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 2/10/10 APPROVED: 3/28/01														
COMMENT:MOVE COLLEGE														
OCEAN 422	OCEAN DYNAMICS OCEAN DYNAMICS	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 2/10/10 APPROVED: 3/28/01														
COMMENT:MOVE COLLEGE														
OCEAN 423	OCEAN CIRC & CLIMATE Ocean Circulation and Climate	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 2/10/10 APPROVED: 3/28/01														
COMMENT:MOVE COLLEGE														
OCEAN 430	BIO OCEAN Biological Oceanography	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 3/14/11														
COMMENT:CHG DESC														

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 431	SPEC TOP BIOL OCEAN Special Topics in Biological Oceanography	AUT/2011 - AUT/9999		3.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:CHG DESC, PREQ					LAST UPDT: 3/14/11 APPROVED: 3/28/01									
OCEAN 443	SNR THESIS PROPOSAL Undergraduate Thesis: Proposal	WIN/2013 - AUT/9999		3.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT:10/15/12 APPROVED: 2/21/01									
OCEAN 444	SNR THESIS RESEARCH Undergraduate Thesis: Research	WIN/2013 - AUT/9999		2.0	.	.	.	Y	.	.	.	.	.	.
LAST UPDT:11/06/12 APPROVED:10/16/12					FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081									
OCEAN 445	SNR THESIS:ANALYSIS Undergraduate Thesis: Data Analysis and Writing	WIN/2013 - AUT/9999		3.0	.	.	.	Y	.	Y	.	.	Y	.
COMMENT:WAS OCEAN 444,CHG TTL,CRDT,DES					LAST UPDT:10/15/12 FEE TYPE:1 \$500.00 BUDGET:099670 REV OBJ CD:943081									
OCEAN 450	CLIMATIC EXTREMES Climatic Extremes	SPR/2010 - AUT/9999		4.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 4/25/01									
OCEAN 451	FLUID DYAMICS LAB FLUID DYNAMICS LABORATORY	SPR/2010 - AUT/9999		4.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 3/28/01									
OCEAN 452	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	Y	.	.	.	OCEAN 452 FISH 452 .
LAST UPDT: 2/10/10 APPROVED: 3/28/01														
OCEAN 453	GEOSPTL PTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	Y	.	.	.	OCEAN 453 FISH 453 .
COMMENT:RECREATED OCEAN 452 WITH CHGS					LAST UPDT: 2/10/10 APPROVED: 3/28/01									
OCEAN 454	HYDROTHERMAL Hydrothermal Systems: An Interdisciplinary View	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 9/16/10 APPROVED: 1/25/06									

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O						
						-ALL	U	GRD	E	U	N	E	P	I	C	M				S	N				
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	I	T	
OCEAN	455	OCEAN MODELING Introduction to Modeling in Oceanography	AUT/2011 - AUT/9999		3.0		.	.	.	.	.	.	Y	.	Y	.							.		
						LAST UPDT:10/19/10										APPROVED:10/19/10									
OCEAN	460	MAR FIELD RESEARCH Marine Field Research	AUT/2012 - AUT/9999		10.0		.	.	.	.	.	.	Y	.	Y	.							.		
						LAST UPDT: 5/16/12										APPROVED: 6/13/06									
						COMMENT:WAS OCEAN 360																			
OCEAN	461	ADV OCN TECH MGMNT Advanced Ocean Technology - Project Design and Management	SPR/2015 - AUT/9999		2.0		.	.	.	.	.	.	Y	.	.	.							.		
						LAST UPDT: 2/18/15										APPROVED: 2/17/15									
OCEAN	475	CLMT SCI RSRCH SMNR Current Research in Climate Science Seminar	AUT/2011 - AUT/9999		3.0	6.0	.	.	.	.	.	.	.	.	.	.		OCEAN 475	ATM S	475			.		
						LAST UPDT: 1/26/11										APPROVED: 1/18/11									
																ESS 475									
OCEAN	477	MARINE BIOL SEMINAR Seminar in Marine Biology	WIN/2011 - AUT/9999		3.0		.	.	.	.	.	.	Y	.	.	.		OCEAN 477	BIOL	477			.		
						LAST UPDT: 2/14/11										APPROVED: 9/22/10									
																FISH 477									
OCEAN	479	MARINE BIO RESEARCH Research in Marine Biology	SPR/2010 - AUT/9999		1.0-15.0	15.0	.	.	.	.	Y	.	.	.	.	.		FISH 479	BIOL	479			.		
						LAST UPDT: 7/23/15										APPROVED:10/21/08									
						FEE TYPE:1 \$90.00										BUDGET:029357 REV OBJ CD:943081									
						COMMENT:MOVE COLLEGE										FISH 479									
OCEAN	481	PUGET SOUND OCEANOGRAPHY Puget Sound and Estuarine Oceanography	AUT/2011 - AUT/9999		3.0		.	.	.	.	.	.	Y	.	.	.							.		
						LAST UPDT: 4/20/11										APPROVED: 4/19/11									
OCEAN	482	THE CHANGING ARCTIC The Changing Arctic Ocean	WIN/2013 - AUT/9999		3.0		.	.	.	.	.	.	Y	.	.	.							.		
						LAST UPDT:11/07/12										APPROVED:10/16/12									
OCEAN	492	APPRENTICE: OCEAN Friday Harbor Apprenticeship	SPR/2010 - AUT/9999		9.0-15.0		.	.	.	.	Y	.	Y	.	.	.							.		
						LAST UPDT: 2/09/15										APPROVED: 8/23/07									
						FEE TYPE:1 \$100.00										BUDGET:099147 REV OBJ CD:943081									
						COMMENT:MOVE COLLEGE																			
OCEAN	494	FIELD EXP: OCEAN Field Experiences in Marine Science	SPR/2010 - AUT/9999		1.0-15.0	30.0	.	.	.	.	.	.	Y	.	.	.							.		
						LAST UPDT: 2/10/10										APPROVED: 8/23/07									
						COMMENT:MOVE COLLEGE																			

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OCEAN 496	STUDY ABROAD: OCEAN Study Abroad: Oceanography	SPR/2010	- AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 8/23/07							
COMMENT:MOVE COLLEGE														
OCEAN 497	ADV SPEC TOP: OCEAN Advanced Special Topics in Oceanography	SPR/2010	- AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 8/23/07							
COMMENT:MOVE COLLEGE														
OCEAN 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2010	- AUT/9999	1.0-15.0	24.0	Y	.	.	.	.	.	.	.	.
					LAST UPDT: 9/02/10									
COMMENT:CHG DESC														
OCEAN 500	CURRENT PROBS OCEAN Current Problems in Oceanography	SPR/2010	- AUT/9999	1.0	10.0	.	CR/NC	.	.	.	.	.	.	.
					LAST UPDT: 5/02/13									
COMMENT:MOVE COLLEGE, 5/13 RETRO MAX														
OCEAN 501	ESTUARINE CIRC/MIX ESTUARINE CIRCULATION AND MIXING	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10									
COMMENT:MOVE COLLEGE														
OCEAN 502	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	AUT/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	OCEAN 502 FISH 502	.
					LAST UPDT: 1/25/10		APPROVED:10/20/09							
OCEAN 503	GEOSP TL PTTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	OCEAN 503 FISH 503	.
					LAST UPDT: 2/10/10		APPROVED:10/20/09							
OCEAN 506	INTERDISCIPL OCEAN Interdisciplinary Seminar in Oceanography	SPR/2010	- AUT/9999	1.0-03.0	12.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 9/17/96							
COMMENT:MOVE COLLEGE														
OCEAN 507	PUGET SOUND OCEANOGRAPHY Puget Sound and Estuarine Oceanography	AUT/2011	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/20/11		APPROVED: 4/19/11							

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OCEAN 508	THE CHANGING ARCTIC The Changing Arctic Ocean	WIN/2013	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/07/12		APPROVED:10/16/12						
OCEAN 509	SEMINAR Seminar	SPR/2010	- AUT/9999	1.0	30.0	.	CR/NC	.	.	.	.	.	.
					LAST UPDT: 5/02/13								
					COMMENT:MOVE COLLEGE, 5/13 RETRO MAX								
OCEAN 510	PHYSICS OCEAN CIRC Physics of Ocean Circulation	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 6/28/84						
					COMMENT:MOVE COLLEGE								
OCEAN 511	FLUID DYNAMICS Introduction to Fluid Dynamics	AUT/2013	- AUT/9999	4.0	.	.	.	.	.	.	.	AMATH 505	AMATH 505
					LAST UPDT: 8/08/13		APPROVED:11/25/85		ATM S 505				
					COMMENT:EMAIL PREQ CHG								
OCEAN 512	GEOPHYS FLUID DYN I Geophysical Fluid Dynamics I	SPR/2010	- AUT/9999	4.0	.	.	.	.	.	.	.	OCEAN 512	ATM S 509
					LAST UPDT: 2/10/10		APPROVED: 6/01/85						
					COMMENT:MOVE COLLEGE								
OCEAN 513	GEOPHY FLUID DYN II Geophysical Fluid Dynamics II	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 9/18/85						
					COMMENT:MOVE COLLEGE								
OCEAN 514	WAVES Waves	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10								
					COMMENT:MOVE COLLEGE								
OCEAN 515	OCEAN CIRC OBSERVTN Ocean Circulation: Observations	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 9/18/85						
					COMMENT:MOVE COLLEGE								
OCEAN 516	OCEAN CIRC THEORIES OCEAN CIRCULATION: THEORIES	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10								
					COMMENT:MOVE COLLEGE								

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 517	METH IN PHYS OCEAN Methods and Measurements in Physical Oceanography	WIN/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS					LAST UPDT:12/19/11 APPROVED: 9/18/85								
OCEAN 518	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013 -	AUT/9999	2.0	.	CR/NC	.	.	.	.	ESS	519 ATM S 519	.
					LAST UPDT: 3/21/13 APPROVED: 3/19/13								
OCEAN 519	SMNR PHYSICAL OCEAN SEMINAR IN PHYSICAL OCEANOGRAPHY	SPR/2010 -	AUT/9999	1.0	9.0 Y	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10								
OCEAN 520	MARINE CHEMISTRY Marine Chemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 9/15/82								
OCEAN 521	AQUATIC CHEMISTRY Aquatic Chemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED:10/11/73								
OCEAN 522	MARINE ORG GEOCHEM Marine Organic Geochemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 6/29/78								
OCEAN 523	GEOCHEMICAL CYCLES Geochemical Cycles	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	OCEAN 523 CHEM 523	.	.
					LAST UPDT: 2/10/10 APPROVED:12/20/99								
COMMENT:MOVE COLLEGE					ATM S 508								
OCEAN 529	SMNR IN CHEM OCEAN Seminar on Chemical Oceanography	AUT/2011 -	AUT/9999	0.0	30.0 Y	.	.	.	.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 9/19/11								
OCEAN 530	MAR BACTRA &VIRUSES Marine Bacteria, Archaea, and Viruses	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85								

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T P R G	W R S N	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 559	ADV MOR PROCESSES Advanced Seminar on Mid-Ocean Ridge Processes	SPR/2010 -	AUT/9999	0.0	9.0 Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 5/25/12									
					COMMENT:MOVE COLLEGE									
OCEAN 560	ATMO/OCEAN INTERACT Atmosphere/Ocean Interactions	SPR/2010 -	AUT/9999	3.0	.	CR/NC	.	.	.	.	.	ATM S 560	ATM S 560	.
					LAST UPDT: 2/10/10 APPROVED:12/31/96									
					COMMENT:MOVE COLLEGE									
OCEAN 569	TPCS PHYSICAL OCEAN Topics in Physical Oceanography	AUT/2011 -	AUT/9999	1.0-04.0	30.0 Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/11									
					COMMENT:CHG MAX CREDITS									
OCEAN 570	MAR MICRO INTERACTN Marine Microbial Interactions	AUT/2011 -	AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11 APPROVED: 9/18/85									
					COMMENT:CHG DESC									
OCEAN 572	MAR PROTIST ECOLOGY Marine Protist Ecology	AUT/2011 -	AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11 APPROVED: 9/18/85									
					COMMENT:CHG TITLE, DESC									
OCEAN 578	ADV BIOL OCEAN Advanced Topics in Biological Oceanography	SPR/2010 -	AUT/9999	0.0	18.0 Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED:10/25/84									
					COMMENT:MOVE COLLEGE									
OCEAN 580	AQUATIC KINETICS Aquatic Kinetics	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED:10/11/73									
					COMMENT:MOVE COLLEGE									
OCEAN 581	GEOCHEM MODELING GEOCHEMICAL MODELING	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED: 2/03/92									
					COMMENT:MOVE COLLEGE									
OCEAN 582	RIVER BIOGEOCHEM River Basin Biogeochemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED: 2/03/92									
					COMMENT:MOVE COLLEGE									

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OCEAN 583	ISOTOPE BIOGEOCHEM Isotope Biogeochemistry	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/03/92									
OCEAN 584	OCEAN TRACERS/MIXING Ocean Tracers and Mixing	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 5/22/80									
OCEAN 585	PALEOCEANOGRAPHY PALEOCEANOGRAPHY	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/03/92									
OCEAN 586	CLIMATE SEMINAR Current Research in Climate Change	SPR/2010	- AUT/9999	2.0	20.0	.	CR/NC	.	.	.	.	ESS	586 ESS	586
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02 ATM S 586									
OCEAN 587	FUND CLIMATE CHANGE Fundamentals of Climate Change	AUT/2013	- AUT/9999	3.0	.	.	.	.	.	.	.	ESS	587 ESS	587
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/21/13 APPROVED: 2/25/02 ATM S 587									
OCEAN 588	CARBON AND CLIMATE The Global Carbon Cycle and Climate	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 588 ESS	588	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02 ATM S 588									
OCEAN 589	PALEOCLIMATOLOGY Paleoclimatology: Data, Modeling and Theory	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	ESS	589 ATM S	589
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02 ESS 589									
OCEAN 590	ADV TOPICS IN OCEAN Advanced Topics in Oceanography	SPR/2010	- AUT/9999	9.0-18.0	18.0	Y	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/21/95									
OCEAN 591	MS IN COASTAL ZONE Marine Science in the Coastal Zone	WIN/2012	- AUT/9999	3.0	.	.	.	.	.	.	.	SMEA	591 SMEA	591
COMMENT:CHG JT STATUS					LAST UPDT: 7/23/15 APPROVED:10/01/80									

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OCEAN 592	COM OCEAN SCIENCES Communicating Ocean Sciences	SPR/2010	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED:12/13/06								
COMMENT:MOVE COLLEGE													
OCEAN 593	CLIMATE SEMINAR Climate Science Seminar	SPR/2010	- AUT/9999	1.0	.	CR/NC	.	.	.	.	ATM S 593	ATM S 593	.
					LAST UPDT: 2/10/10 APPROVED:12/16/08								
COMMENT:MOVE COLLEGE					ESS 593								
OCEAN 596	CLIMATE CAPSTONE Climate Science Capstone Project	SPR/2010	- AUT/9999	1.0-05.0	5.0	.	.	.	.	.	ATM S 596	ATM S 596	.
					LAST UPDT: 2/10/10 APPROVED:12/16/08								
COMMENT:MOVE COLLEGE					ESS 596								
OCEAN 600	INDEPN DNT STDY/RSCH Independent Study or Research	SPR/2010	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.
					LAST UPDT: 4/19/10								
COMMENT:MOVE COLLEGE													
OCEAN 700	MASTERS THESIS Master's Thesis	SPR/2010	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.
					LAST UPDT: 4/19/10								
COMMENT:MOVE COLLEGE													
OCEAN 800	DOCTORAL DISSERTATN Doctoral Dissertation	SPR/2010	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70								
COMMENT:MOVE COLLEGE													